



VICTORIA COLLEGE  
**CALENDAR**

1952

1953

VICTORIA - BRITISH COLUMBIA

VICTORIA COLLEGE  
LIBRARY  
VICTORIA, B.C.



## Victoria College Library

# FIFTY YEARS . . .

THIS YEAR VICTORIA COLLEGE OBSERVES ITS GOLDEN JUBILEE. DURING THE PAST FIFTY YEARS MORE THAN TEN THOUSAND STUDENTS HAVE USED ITS FACILITIES. CLASSES RANGING IN NUMBER FROM 7 TO 600 HAVE BEEN HELD IN TURN IN THE OLD VICTORIA HIGH SCHOOL BUILDING, CRAIG-DARROCH CASTLE AND THE PROVINCIAL NORMAL SCHOOL BUILDING. THE COLLEGE WILL CELEBRATE ITS FIFTIETH ANNIVERSARY WITH THE OPENING OF THE NEW EWING ADMINISTRATION AND LIBRARY BUILDING.

1903

1952

VICTORIA COLLEGE

AFFILIATED WITH THE UNIVERSITY OF BRITISH COLUMBIA

# CALENDAR

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Issued by the Victoria College Council and the Board of School Trustees of Greater Victoria

VICTORIA COLLEGE  
LIBRARY  
VICTORIA, B. C.



# VICTORIA COLLEGE

IN AFFILIATION WITH THE UNIVERSITY OF BRITISH COLUMBIA

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**T**HE PURPOSE OF Victoria College is to give students of the Greater Victoria Area, and Vancouver Island generally, an opportunity of receiving instruction in the first two years in the Arts and Science course as prescribed by the University of British Columbia. The University of British Columbia curriculum is followed, and students receive credits that are recognized wherever the parent University's credits are recognized.

To be more specific, Victoria College offers the first two years of work preparatory to degrees in Arts, Commerce, Law, Medicine, Dentistry, Social Work, and Library Science. The College also offers the first year of work preparatory to degrees in Agriculture, Applied Science, Architecture, Chartered Accountancy, Forestry, Nursing, Occupational Therapy, Physiotherapy, Optometry, Pharmacy, Teaching, and Veterinary Medicine.

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In 1894, by Act of the Provincial Legislature, High Schools of the Province were permitted to affiliate with recognized Canadian Universities, in order to provide the first stages of higher education.

Eight years later, in 1902, Victoria High School applied for affiliation with McGill University, and in the Fall of 1903 Victoria College opened its doors as a separate institution to give the first year in Arts and Science under the aegis of McGill. Second year work in Arts and Science was undertaken in 1907.

In 1906, the Provincial Legislature passed an Act incorporating the Royal Institution for the Advancement of Learning of British Columbia. This Institution, in the same year, established at Vancouver the McGill University College of British Columbia, and in the following year Victoria College became part of this foundation.

In 1908, an Act was passed establishing and incorporating the University of British Columbia, and in 1915, when the University of British Columbia was opened, Victoria College was closed.

Five years later, however, in 1920, public opinion demanded that higher education again be made available in the Victoria area, and Victoria College was re-established—this time in affiliation with the University of British Columbia.

In 1945, by virtue of an Agreement signed by the Education Department, the University, and the Greater Victoria School Board, the academic direction of the College was placed in the hands of Victoria College Council, on which all three authorities are represented. Financial direction remains in the hands of the Greater Victoria School Board.

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The College buildings are situated at the corner of Lansdowne and Richmond Roads, on the Mount Tolmie bus route, and command the most beautiful views of the City of Victoria, Juan de Fuca Strait, and the Olympic Mountains in the State of Washington.

The fullest facilities are available. These include a fine library, first-class laboratories, a book store, a cafeteria, and an adjacent playing-field.

With its relatively small enrolment, and its carefully selected Faculty, Victoria College offers an individualized education to its students, and effectually bridges the gap between high school and university life.

During the early summer of 1952 the new Library-Administration Building will be ready for occupancy. The \$259,000 structure, financed by the B.C. Government, will be named the Ewing Building, in memory of Dr. John Morton Ewing, who, as Principal from 1944 to 1952, very ably directed the College through those years of expansion following the war. The new building includes administrative and staff offices and the College Library, with 10,000 volumes and spacious, well-lighted Reading Room.

## VICTORIA COLLEGE COUNCIL

### (a) Ex-Officio:

Norman A. M. MacKenzie, C.M.G., M.M. and Bar, Q.C., B.A., LL.B., LL.M., LL.D., D.C.L., F.R.C.S., President, University of British Columbia.

J. F. K. English, M.A., B.Paed., Senior Inspector of Schools, Greater Victoria District.

W. Harry Hickman, M.A. (Brit. Col.), Docteur de l'Université de Paris, Principal.

### (b) Appointed by Board of Governors:

S. N. F. Chant, O.B.E., M.A., Dean of the Faculty of Arts and Science.

J. B. Clearihue, M.C., Q.C., M.A., B.C.L. (Chairman). Term expires Dec. 1953.

### (c) Appointed by Minister of Education:

J. G. Ruttan, M.A., B.C.L. (Vice-Chairman). Term expires Dec. 1953.

Willard E. Ireland, M.A. Term expires Dec., 1953.

### (d) Appointed by Greater Victoria Board of School Trustees:

W. P. Jeune. Term expires Dec. 1953.

A. W. Trevett. Term expires Dec. 1954.

W. H. Golby. Term expires Dec. 1952.

## OFFICERS AND STAFF

W. Harry Hickman, M.A. (Brit. Col.), Docteur de l'Université de Paris, Principal.

Robert T. D. Wallace, M.A. (Brit. Col.), Director, Evening Division.

G. Reid Elliott, B.A. (Sask.), M.A. (Toronto), Assistant Director, Evening Division.

Miss Dorothy M. Cruickshank, B.A. (Brit. Col.), Registrar.

Librarian to be appointed.

Mrs. E. Joyce McKay, B.A. (Man.), Book Store Manager.

Miss Patricia Sullivan, B.A. (Sask.), Assistant Registrar.

## FACULTY

### Professor Emeritus

Jeffree A. Cunningham, B.A. (Queen's), Professor Emeritus of Zoology.

### Department of Biology, Botany and Zoology

W. Gordon Fields, B.A. (Brit. Col.), A.M. (Stanford), Assistant Professor of Biology and Zoology.

Winona J. Bethune, B.A. (Brit. Col.), Instructor in Biology and Botany.

### Department of Chemistry

Lewis J. Clark, B.A. (Brit. Col.), M.Sc. (Washington), Associate Professor.

Edward J. Savannah, A.B., S.B. (Calif.), Assistant Professor.

### Department of Classics

John Carson, M.A. (Oxon), Assistant Professor of Classics.

### Department of Commerce and Economics

G. Reid Elliott, B.A. (Sask.), M.A. (Toronto), Associate Professor.

### Department of English

Roger J. Bishop, B.A. (Brit. Col.), M.A. (Toronto), Assistant Professor.

Rodney P. D. Poisson, M.A. (Brit. Col.), Assistant Professor.

G. Grant McOrmond, M.A. (Sask.), Assistant Professor.

### Department of Geology and Geography

Charles H. Howatson, M.A. (Brit. Col.), Assistant Professor.

### Department of History and Sociology

Sydney G. Pettit, M.A. (Brit. Col.), Associate Professor.

### Department of Mathematics

Robert T. D. Wallace, M.A. (Brit. Col.), Associate Professor.

Mrs. O. Phoebe Noble, B.A. (Brit. Col.), Assistant Professor.

### **Department of Modern Languages**

W. Harry Hickman, M.A. (Brit. Col.), Docteur de l'Université de Paris, Professor of French.

Miss Phyllis Baxendale, M.A. (Brit. Col.), Assistant Professor of German.

Miss Gwladys V. Downes, M.A. (Brit. Col.), Assistant Professor of French.

### **Department of Philosophy**

Instructor to be announced.

### **Department of Psychology**

William H. Gaddes, M.A. (Brit. Col.), Assistant Professor of Psychology.

### **Department of Physics**

William H. Hughes, B.A. (Queen's), B.Sc. (Sask.), Associate Professor.

John L. Climenhaga, M.A. (Sask.), Assistant Professor.

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## **ACADEMIC YEAR 1952-53**

### **1952**

Monday, August 18th—Registration begins.

Thursday, August 21st—Supplemental Examinations begin.

Monday, September 15th—Last day for registration.

Monday, September 15th—Last day for payment of first instalment of fees.

Thursday, September 18th—Session begins (organization).

Monday, September 22nd—Lectures begin.

Friday, October 3rd — Last day for change in students' courses.

Monday, October 13th—Thanksgiving Day. College closed Saturday to Monday, inclusive.

Tuesday, November 11th—Remembrance Day. College closed.

Saturday, December 20th—First term ends.

**1953**

Monday, January 5th—Second Term begins.

Friday, April 3rd—Good Friday. College closed  
April 3rd and 4th.

Wednesday, April 15th—Last day of lectures.

Friday, April 17th—Sessional Examinations begin.

Friday, May 1st—Sessional Examinations end.

### **IMPORTANT NOTICES**

No student with unsatisfactory standing will be permitted to register without the permission of the Faculty.

As the College Session is short, the student must be prepared to do intensive work from the first day of the session to the last. Unless the student adapts himself to these conditions, his chances of success are slight.

The Principal and Staff are most willing at all times to give direction or advice, but the ultimate responsibility in the selection of courses rests with the student.

### **Regulation of Victoria College Council Forbidding Hazing and other Unauthorized Activities**

The following are prohibited:

1. Hazing.
2. Any act by any student attending the College or by anyone at all causing injury or likely to cause injury to any person or damage to College property.
3. Bringing and/or consuming liquor within the precincts of the College, or in association with any function held under the name of the College.

Any student violating the above regulation will be liable to immediate expulsion.

Victoria College is governed by the regulations of the University of British Columbia, of which the official statement is the University Calendar: this Calendar is a digest of such regulations.

Students are warned not to assume that regulations remain unchanged from year to year. They should note regulations and outlines of courses as they appear in this Calendar.

Application for admission should be made as early as possible after August 18th, 1952, at the office of the Registrar, Victoria College. Out-of-town students may register by mail. Students registering for the first time must present their University Entrance (Junior Matriculation) Certificates.

### **College Book Store**

All text-books and student supplies can be purchased at the College Book Store which is within the College building.

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## **GENERAL INFORMATION**

### **The Session**

The College Year or Session is divided into two terms. The first begins on Thursday, September 18th, 1952, and the second on Monday, January 5th, 1953.

### **Courses of Study**

For the session of 1952-53 the College offers instruction in the first two years of the Faculty of Arts and Science (including Commerce), leading to the degrees of Bachelor of Arts and Bachelor of Commerce.

By a proper selection of First Year courses in Arts and Science, students may equip themselves to enter, at the University, the first year of Engineering, Architecture, Forestry, Nursing, and the second year of Agriculture, Physical Education, Pharmacy.

Courses preparatory to Medicine, Dentistry, Law, etc., are given in so far as the curriculum applies.

## **Board and Residence**

A list of approved boarding-houses which receive men or women students, but not both, may be obtained from the Registrar. Men and women students are not permitted to lodge in the same house, unless they are members of the same family, or receive special permission from the Faculty.

## **Vocational Tests**

Vocational tests will be administered every Wednesday afternoon and Saturday morning during the month of September. Application for these tests should be made to the office of the Registrar as early as possible.

## **ADMISSION TO THE COLLEGE**

All enquiries relating to admission to the College should be addressed to the Registrar.

1. Except under special circumstances, no student under the age of sixteen is admitted to the College.

2. Candidates for admission to the courses in the First Year are required to have full standing in University Entrance (Junior Matriculation) of the Province of British Columbia, or to submit certificates showing that they have equivalent standing elsewhere.

3. Students with full University Entrance standing who have passed Senior Matriculation examinations are admitted to the First Year Arts and Science with credits in each Senior Matriculation subject passed with a grade of 50% or over, insofar as the subjects passed meet the requirements of the First Year in the course proposed. For further information see page 24, under **Senior Matriculation Credits**.

4. A student who has any deficiency in University Entrance standing will not be admitted to the College.

## **REGISTRATION**

Those who intend to register as students of Victoria College for the Session 1952-53 are required to make application to the Registrar before Monday, September 15th, on forms to be obtained at the Registrar's office.

There are three classes of students.

(a) Full Undergraduates—Students proceeding to a degree who have passed all the examinations precedent to the year in which they are registered.

(b) Conditioned Undergraduates—Students proceeding to a degree with defects in their standing which do not prevent their entering a higher year under the regulations governing "Examinations and Advancement."

(c) Occasional Students—Students not belonging to one of the two preceding classes.

Occasional students, who are not proceeding to a degree, are not normally required to pass an examination for admission, but, before registering, must produce a certificate showing that they have satisfied the Principal and the Heads of Departments concerned that they are qualified to pursue with advantage the course of study which they propose to undertake.

Students living out of town may register temporarily by mail on forms obtainable at the College, provided they complete their registration by the opening day. All other students are required to attend in person at the office of the Registrar between Monday, August 18th, and Monday, September 15th, to furnish the information necessary for the College records, to register for the particular classes which they wish to attend, and to sign the following declaration:

"I hereby accept and submit myself to the statutes, rules, regulations and ordinances of Victoria College and of the Faculty in which I am registered, and to any amendments thereto which may be made while I am a student of the College, and I promise to observe the same."

In the information furnished for the College records, students are requested to state what church they propose to make their place of worship. This information is available for any of the city churches desiring it.

Students registering for the first time must present the certificates which constitute their qualification for admission to the course of study for which they wish to register.

A student desiring to make a change in the course for which he has registered must apply to the Registrar for a "change of course." Except in special circumstances, no change will be allowed after the second week of the session. If the application is approved by the Departments concerned, the Registrar will give the necessary notification.

### ATTENDANCE

Students are required to attend at least seven-eighths of the lectures in each course that they take. Admission to a lecture or laboratory and credit for attendance may be refused by the Instructor for lateness, misconduct, inattention or neglect of study. Absence consequent on illness or domestic affliction may be excused only by the Principal and medical certificates or other evidence must be presented immediately to the Registrar on return to College work. In cases of deficient attendance students may (with the sanction of the Principal and Head of the Department concerned) be excluded from the Christmas or the final examinations in a course; but, in the case of a final examination, unless the unexcused absences exceed one-fourth of the total number of lectures in a course, such student may be permitted to sit for supplemental examination.

The College week is from Monday to Saturday inclusive, and lectures and laboratories may extend from 8 a.m. to 6 p.m.

### FEES

All fees are payable at the office of the Registrar, Victoria College. Cheques should be made to the order of the Registrar, Victoria College. Registration is not complete until the first instalment of fees has been paid. Arrangements for paying fees are described in the next section. The fees quoted below do not include cost of text-books, personal expenses, etc.

Students taking not less than 12 units are subject to the same fees as full-time students.

## I. Regular Session

### A. For students taking a complete course:

Registration Fee (not returnable) .....	\$ 5.00
Tuition Fee .....	170.00
Alma Mater and Incidental Fees .....	10.00
Library Caution Money .....	2.00
Total .....	<hr/> \$187.00

### B. For students taking less than 12 units:

Registration Fee per 3-unit course (not returnable) .....	\$ 1.00
Tuition Fee per 3-unit course .....	35.00
Alma Mater and Incidental Fees .....	10.00
Library Caution Money .....	2.00

## II. Evening Division

### A. Credit Courses

#### (i) For students taking courses for credit:

Registration Fee .....	\$ 1.00
Tuition Fee .....	<hr/> 35.00
Total .....	\$ 36.00

#### (ii) For students auditing credit courses:

Tuition Fee .....	\$ 18.00
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### B. For students taking non-credit courses:

The Fee for each of these courses depends upon the administrative conditions pertaining thereto.

The Alma Mater fee is turned over to the Students' Council for the support of student organizations, athletics and social functions.

Students taking Chemistry courses are required to pay at Registrar's office a chemistry breakage fee of \$3.00. Deductions will be made from this fee by instructors for laboratory breakages.

## PAYMENT OF FEES

Fees may be paid by either of the plans described below. Parents or guardians of students are required to state at the time of registration which

plan they propose to adopt. In the event of default of payment at any time under either plan, students will be excluded from classes, and will not be readmitted until all outstanding fees have been met.

**First Plan:** Fees payable in two instalments. The first, consisting of the Registration Fee, one-half the Tuition Fee plus Alma Mater and Incidental Fees and Caution Money, must be paid at time of registration. The second, consisting of the balance of the Tuition Fee, must be paid not later than January 5th, 1953. For students taking a full course (15 units) the payments under this plan are \$102.00 and \$85.00 respectively.

**Second Plan:** Fees payable in six instalments according to the following arrangement:

#### First Term

At time of registration .....	\$ 52.00
(Registration Fee (not returnable) \$ 5.00	
Tuition Fee .....	35.00
Alma Mater and Incidental Fees	10.00
Library Caution Money .....	2.00)
October 5th .....	25.00
November 5th .....	25.00
	<hr/>
	\$102.00

#### Second Term

January 5th .....	\$ 35.00
February 5th .....	25.00
March 5th .....	25.00
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	\$ 85.00

Work in the College Library, up to a maximum of 100 hours at 75c per hour, will be provided for students of good standing who require financial assistance. Application should be made to the Registrar at time of registration on a form available for this purpose.

## SPECIAL FEES

Special examination (per paper) .....	\$7.50
Regular Supplemental Examinations (per paper) .....	5.00
Re-reading of Examinations (per paper) .....	2.00

These fees must be paid in advance.

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## SCHOLARSHIPS AND PRIZES

First and Second Year Students in Arts and Science who are proceeding to a course of study in the University of British Columbia should note the page of the Calendar of that institution concerning the Khaki University and Young Men's Christian Association Memorial Fund Bursaries.

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### The Dominion-Provincial Student Aid Bursary Fund and Provincial Loan Fund

Under the Dominion-Provincial Youth Training Programme a sum of money has been set aside to aid University students who can offer proof of scholastic ability and financial need.

Application forms may be secured from the Department of Education, Technical Education Branch, Victoria, B.C., and must be returned not later than August 1st.

### PERCY H. ELLIOTT MEMORIAL SCHOLARSHIP

—One hundred and thirty dollars (\$130) awarded to a student of outstanding merit and promise in one specific field of study, who has also a high general academic standing, and qualities of character indicating worthiness to hold the scholarship. The scholarship is awarded, upon the recommendation of a Staff Committee, to a student in the First or Second Year, and, unless service in the Armed Forces intervenes, proceeding immediately towards a University degree.

ROYAL INSTITUTION AND FRANK EATON MEMORIAL SCHOLARSHIP—Fifty dollars (\$50) awarded to the student taking the highest standing in the English of the second year.

**ALLIANCE FRANCAISE PRIZE** — Twenty-five dollars (\$25) awarded to the student in the second year who has made the most progress in French and who intends to continue university work in this subject.

**T. EATON COMPANY (British Columbia) LTD. SCHOLARSHIP** — Two hundred dollars (\$200) awarded to a first year student of high standing in Mathematics 101, and, preferably, with a first-class average. The winner must continue at Victoria College.

**KIWANIS SCHOLARSHIP**—One hundred and fifty dollars (\$150) awarded to a man student completing the first year and entering the second year at Victoria College. Selection of the recipient to be made by the Kiwanis Club of Victoria in conference with the College Faculty.

**QUITA NICHOL BURSARIES** — Two hundred dollars (\$200) donated annually to Victoria College by Mrs. W. C. Nichol, to provide scholarships in first and second year French. Two prizes of \$100 and \$50 respectively, will be awarded in the first year, and one prize of \$50 in the second year. These prizes are normally awarded on merit, but, if necessary, special circumstances may be taken into consideration. Students must continue at Victoria College for their second year or the University of British Columbia for their third year.

**UNIVERSITY WOMEN'S CLUB SCHOLARSHIP**— One hundred dollars (\$100) awarded to the woman student taking the highest standing in her first year and continuing her course in the second year at Victoria College or at any other university, provided the course desired is not available at Victoria College. When a student wishes to attend a university outside Canada, the reasons for such attendance should be submitted to the Executive of the University Women's Club for approval.

**THE KATHLEEN AGNEW SCHOLARSHIP**—One hundred dollars (\$100) donated for the purpose of stimulating the study of the History of Canada.

**HUDSON'S BAY COMPANY SCHOLARSHIP**—One hundred dollars (\$100) awarded to the student taking the highest standing in Economics 200, and continuing his university studies without interruption.

**SIDNEY ROOFING AND PAPER COMPANY SCHOLARSHIP**—Two hundred and fifty dollars (\$250) awarded to the leading student of the second year, on condition that he continues his university studies without interruption in the third year.

\***THE CANADIAN LEGION, B.E.S.L., (VICTORIA, B.C.) SIR PERCY LAKE MEMORIAL SCHOLARSHIP**—One hundred and fifty dollars (\$150) to be awarded annually to a worthy student of Victoria College on the recommendation of the Faculty. To be eligible, a student must be a veteran of World War II, or a son or daughter of a veteran of World War II or World War I, or the wife or widow of a veteran of World War II, and must continue his or her studies.

**THE BRITISH AMERICA PAINT COMPANY SCHOLARSHIP** — One hundred dollars (\$100) awarded to the leading male student in the First Year.

**VICTORIA GYRO CLUB SCHOLARSHIP** — One hundred dollars (\$100) awarded annually to a male student completing his first year at Victoria College. The recipient is to be selected annually by a committee of the Gyro Club, upon the recommendation of the Principal of Victoria College, on the basis of qualities of leadership, distinction of mind, and merit in games.

\***VICTORIA MUNICIPAL CHAPTER IMPERIAL ORDER OF THE DAUGHTERS OF THE EMPIRE SCHOLARSHIP** — Fifty dollars (\$50) awarded annually to a first year student who is the child of a veteran of World War I or World War II. The recipient of the Scholarship must be recommended for general proficiency and worth by the College Faculty, and must continue university work into the second year.

THE BRITISH COLUMBIA ELECTRIC RAILWAY COMPANY, LIMITED, SCHOLARSHIP — One hundred and fifty dollars (\$150) awarded to the student with the highest standing who is proceeding, without interruption, to the First Year of Applied Science.

KINSMEN CLUB OF VICTORIA SCHOLARSHIP—

One hundred dollars (\$100) awarded annually to a student of Victoria College. The recipient is to be selected by a committee of the Kinsmen Club, on the basis of outstanding scholastic ability and promise, upon the recommendation of the College Faculty.

ESTHER PEARCE MEMORIAL PRIZE—Twenty-five dollars (\$25) awarded annually by Chapter N, P.E.O. Sisterhood, to a woman student in First Year for excellence in English.

JOHN WESLEY AND EMILY E. CHURCH MEMORIAL SCHOLARSHIP—One hundred dollars (\$100) awarded annually by Mr. W. J. V. Church to the student winning highest standing in Latin (Latin 90 or Latin 101), or in Greek, or in Latin and Greek, in the first year, and continuing with the subject (or the subjects) in the second year at Victoria College.

\*KER SCHOLARSHIP—One hundred and twenty-five dollars (\$125) awarded to a student in the first year who is proceeding to the second year either at Victoria College or a Canadian university. The applicant must have at been a cadet (Sea, Army or Air) for at least two years during his last three years of high school. If there be no such applicant, the Committee on Prizes and Scholarships may recommend for the award a student who has satisfactorily completed first or second year at Victoria College and is enrolled for service in one of the University training units.

Application, together with a certificate from the Cadet Unit concerned, must be made to the

Registrar not later than April 30th. Selection of the winner is to be made by Faculty in consultation with the donor, Mr. R. H. B. Ker.

**LIONS CLUB SCHOLARSHIP**—One hundred dollars (\$100) awarded annually to the student obtaining the highest standing in Biology 100 and Chemistry 100, and continuing similar work in the Second Year at Victoria College.

**BRITISH COLUMBIA CEMENT COMPANY, LIMITED, SCHOLARSHIP** — One hundred dollars (\$100) awarded annually to the student in First Year who obtains the highest standing in Chemistry and who intends to continue studies at Victoria College or at any other university.

**THE SPENCER SCHOLARSHIP**—One hundred dollars (\$100) awarded annually to the leading student of the Humanities in the Second Year. The winner must continue university studies.

**THE ARTHUR S. DENNY SCHOLARSHIP**—One hundred dollars (\$100) awarded annually by the Standard Furniture Company to the leader of the Second Year Commerce Course.

**THE WYLLIE PRIZE**—An annual prize of fifty dollars (\$50) and a book offered by Mr. and Mrs. A. S. Wyllie to the leading Philosophy student.

**THE BRITISH COLUMBIA ELECTRIC RAILWAY COMPANY LIMITED PROFICIENCY SCHOLARSHIPS**—Five scholarships of \$200 each, the gift of the British Columbia Electric Railway Company Limited, will be awarded annually to students of the University or Victoria College who are proceeding to further undergraduate work in any faculty of this University. These awards will be made, on the basis of proficiency, to students with outstanding records or scholastic achievement. Winners will be selected by the University Joint Faculty Committee on Prizes, Scholarships, and Bursaries, after consultation with departments and faculties.

**ROBERT V. ANDERTON MEMORIAL SCHOLARSHIP**—The Camosun Gyro Club of Victoria will present a scholarship in the amount of \$50 annually in memory of Bob Anderton, formerly a member of the Club, to a promising and deserving student of the First Year at Victoria College going into Second Year. The selection of the candidate shall be left to the discretion of the Victoria College Scholarship Committee.

**THE MADAME SANDERSON MEMORIAL SCHOLARSHIP**—Fifty dollars (\$50) offered annually to a promising student of Victoria College for excellence in English and French of the Second Year.

**THE JOHN MALTWOOD BURSARY**—One hundred dollars (\$100) per annum for two consecutive years (1953 and 1954) awarded to a student completing Second Year to enable him to continue studies at a Canadian University.

**GRUEN GOLD WRIST WATCH**—To be presented each year by the Gruen Watch Company, through F. W. Francis, Ltd., to the student obtaining the highest average on the Sessional Examinations, with the provision that no student win it more than once.

**BIRKS GOLD WATCH**—Offered by Henry Birks and Sons (B.C.) Ltd., of Victoria, and awarded annually to a first-class student who has, in the opinion of the Committee on Prizes and Scholarships, made a valuable contribution to student life.

**NOTE**—The Victoria College Committee on Prizes and Scholarships reserves the right to limit the amount of money retained by a student and/or to reassign scholarships (by reversion).

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\*To be applied for on forms obtainable at Registrar's Office. Applications must be in the hands of Registrar not later than the last day of the final examinations.

The following scholarships are open to students who have completed University Entrance and are proceeding to Victoria College.

**CECILIA GREEN MEMORIAL SCHOLARSHIP—**

One hundred dollars (\$100) awarded to the first ranking student from Victoria High School in the University Entrance Examinations who has not already merited another award. The recipient must attend Victoria College or the University of British Columbia.

**VICTORIA WOMEN'S CANADIAN CLUB SCHOLARSHIPS —**

(1) One hundred dollars (\$100) awarded to the female student resident in Victoria District (Vancouver Island south of the Malahat) and attending a Public High School, who makes the highest standing in the University Entrance Examination, held in June, and registering for a full first year course in Victoria College or the University of British Columbia, the following September. (2) One hundred dollars (\$100) awarded to the male student resident in Victoria District making the highest standing in the same examination and under the same conditions. Should the student, in either case, be awarded a scholarship from any other source, the Club Scholarships shall then revert to the student having the next highest standing.

**UNIVERSITY SCHOLARSHIPS FOR UNIVERSITY ENTRANCE,** School District No. 61, and School Districts Nos. 62-74—Two scholarships of one hundred and seventy-five dollars (\$175) awarded for general proficiency in the University Entrance Examinations. The winners must attend either the University of British Columbia or Victoria College (Districts 61-66 only).

**THE CHRIS SPENCER FOUNDATION SCHOLARSHIPS FOR UNIVERSITY ENTRANCE —** Two scholarships of \$225 each, the gift of the Chris Spencer Foundation, will be awarded to the candidates selected by the University to receive the University Scholarships for University Entrance described above. Through this gift each of

the winners will therefore receive a total scholarship of \$400. These supplementary scholarships are subject to the same conditions and regulations as those governing the University Scholarships for University Entrance.

**THE CHRIS SPENCER FOUNDATION SPECIAL SCHOLARSHIPS**—Two scholarships, each of the value of \$400 a year and renewable annually for a maximum of five years (to a total of \$2,000), are offered to students entering the University of British Columbia or Victoria College for the first time and proceeding to a degree at this University. These scholarships, the gift of the Chris Spencer Foundation, are available only for students whose ordinary private domicile, home, or residence is in the Province of British Columbia. Applicants will be considered, not only on the basis of scholastic ability, but also with respect to extra-curricular activities, such as outdoor sports, debating, dramatics, music, etc., and on indication, during the period of high school, of moral force and character and of instincts to lead and take an interest in classmates. Students holding these scholarships in any year of their course will be permitted to retain it for the following year only provided they obtain an average of at least 80% in the final examinations for the year or rank in the upper 10% of their class (i.e. the year and faculty in which they are registered) in the work of the year. Selection of applicants will be made by a committee representing the Foundation and the University. Application forms, obtainable from the Registrar's office, must be received by the Dean of Administrative, and Inter-Faculty Affairs, University of British Columbia, Vancouver, not later than May 31st.

**THE BRITISH COLUMBIA ELECTRIC RAILWAY COMPANY LIMITED SPECIAL SCHOLARSHIPS** Five scholarships of \$200 each, offered annually by the British Columbia Electric Railway Company Limited, are available annually for sons

and daughters of employees of the Company who are beginning or continuing their undergraduate studies in any faculty at the University. Winners of scholarships, however, whose homes are in Victoria or its vicinity may, if they wish, attend Victoria College. These scholarships will be awarded on the recommendation of the Joint Faculty Committee on Prizes, Scholarships, and Bursaries to applicants who have outstanding records of scholastic achievements and are deserving of financial assistance. Application by letter must be made to the Dean of Administrative and Inter-Faculty Affairs not later than August 15th. Letters of application should state particulars of family service with the Company and include certificates of standing in all subjects taken in University Entrance, Senior Matriculation, Victoria College, or the University.

## COURSES LEADING TO DEGREE OF B.A.

(Four-year course, two years of which may be taken at Victoria College)

### Registration and Admission

1. Registration must be completed during the period August 18th—September 15th, as described on pages 10-11.

2. After October 3rd, except under very special circumstances and with the permission of Faculty, no student may alter the courses for which he has registered or enter classes for the first time.

3. All changes in registration must be made by the student at the Registrar's office. A student may not take courses for which he has not registered, and will be considered as having failed in all courses dropped without permission.

### Senior Matriculation Credits

Credit will be given in the First Year only for subjects passed in the Senior Matriculation Examinations, and only insofar as these subjects meet the requirements of the First Year. No credit will be given, however, for Senior Matriculation subjects which are passed subsequent to completion of the First Year, nor will subjects of the First Year completed prior to subjects of Senior Matriculation be transferred to a higher year.

### General Regulations

1. Students who take more than 15 units in the First or Second Year may not receive credit in a higher year for these extra units unless they have previously completed at least 3 units of the year in which they are registered.

2. Subjects credited to one year may not be transferred later to a higher year.

3. Without the special permission of Faculty, no student may take less than 15 units in each Winter Session.

4. No student may take more than 18 units in each Winter Session.

5. Students may not receive university credit for courses passed in University Entrance whether taken among the required credits or as extra subjects.

6. Students may not continue with work in a higher year, unless they take concurrently all courses required to clear conditions or deficiencies in the lower years. The total of all work taken may not exceed 18 units. They may not continue in subjects for which they have not successfully completed the prerequisites.

7. Students are responsible for ensuring that their courses have been chosen in conformity with Calendar regulations.

8. Attention is drawn to regulations concerning Examinations and Advancement, pages 45-46.

#### First and Second Years

In the First Year a minimum of 15 units is required. In the Second Year of a General Course and of some Honours Courses, at least 15 units are required. In certain Honours Courses, however, 18 units must be taken.

Courses in each of the First and Second Years must be chosen to conform, not only with the rules and regulations in the preceding pages, but also with requirements A-E of the First Year and requirements F-K of the Second Year, as set forth in the following tables and notes.

Requirement Designation	First Year	Units	Refer to Notes:
A	English 100 and 101	3	
B	Language (other than English)	3	1, 2, 5
C	Mathematics 100 or } 101 or additional }		2, 6
	Language	3	1, 2, 6
D	Elective	3	1, 2, 4, 6
E	Elective	3	1, 2, 4, 6

Requirement Designation	Second Year	Units	Refer to Notes:
F	English 200	3	
G	Language (other than English)	3	1, 3, 5
H	Elective	3	1, 3, 4, 6
I	Elective	3	1, 3, 4, 6
J	Elective	3	1, 3, 4, 6
K	Special Honours		
	Elective	3	1, 3, 6, 7

### Reference Notes

1. Not more than one course numbered below 100, taken at the University or by Senior Matriculation, may be counted for credit in the units required for the B.A. degree.

2. All courses for First Year credit (requirements A-E inclusive) must be selected from the following list. For prerequisites, other details see pages 48-59.

Biology 100	Greek 90, 101
Chemistry 100 or 101	History 101, 102
Economics 100	Latin 90, 101
English 100 and 101	Mathematics 100 or 101
French 101	Philosophy 100
Geography 101	Physics 100, 101 or 103
German 90, 100 or 101	Psychology 100

3. All courses for Second Year credit (requirements F-K inclusive) must be selected from the list in Note 2 or from the following additional subjects. For prerequisites and other details consult pages 48-59.

Botany 200	History 304
Chemistry 200, 210	Latin 202
*Commerce 151	Mathematics 200, 201, 202
*Economics 200	Philosophy 205
English 200	Physics 200
French 202, 203	Psychology 202
Geography 201	Sociology 200
Geology 200	Zoology 200
Greek 202	

\*Commerce 151 and Economics 200 are open only to those students who are permitted to register in the Second Year.

4. Of the electives under D, E, H, I, J:

(i) at least one course must be a laboratory science chosen from Biology, Chemistry, Geography (except 201), Geology, or Physics. A student who takes at least 18 units of languages (other than English) in the combined First and Second Years may, however, defer this science course until his Third or Fourth Year;

(ii) at least one course must be chosen from Economics, Geography (201 only), History, Philosophy, Psychology, or Sociology. A student who takes at least 12 units of laboratory science courses in the combined First and Second Years may defer this course until his Third or Fourth Year.

5. Courses under B and G must be chosen from French, German, Greek, and Latin. Students must meet these requirements in accordance with one of the following plans:

(i) they may take a language course numbered 100 or 101 under B; and a course in the same language numbered 200 or 202 under G;

(ii) they may take a language course numbered 90 under B, a course in the same language numbered 100 or 101 under G, and, in the same language, a course numbered 200 or 202 as an extra subject in the Third or Fourth Year. If this plan is chosen, 3 extra units will be required for the B.A. degree.

(iii) if their courses include at least 12 units of laboratory science [see Note 4 (i)] or least 9 units of laboratory science and 6 units of Mathematics, they may take, under B and G respectively, any two of French 101, 202, German 90, 100, or 101, 200, Greek 90, 101, 202, Latin 90, 101, 202. Only one course numbered 90, however, may be selected.

Students whose courses in the combined First and Second Years include 18 units of laboratory science may defer the language of the Second Year to their Third or Fourth Year.

(iv) if they have taken French 101, German 100, or Latin 101 under Group I of the optional subjects of University Entrance, they may select French 202, German 200 or Latin 202 respectively under either B or G, and an elective in place of the other subject under B or G. If this language course is taken under B, a Third Year course in the language may be chosen for the elective under G.

6. To meet requirement C students must select one course—not already chosen—from French 101, German 90, 100 or 101, Greek 90, 101, Latin 90, 101, Mathematics 100 or 101. Before the selection is made, however, the following notes should be read carefully:

(i) Mathematics 100 is open only to students who have completed Mathematics 30, but not Mathematics 91, of the high school programme; Mathematics 101 is open only to those who have completed Mathematics 91 of the high school programme or Mathematics 100. Credit will not be given for both Mathematics 100 and 101 and the courses cannot be taken concurrently.

(ii) Mathematics 101 is required for admission to Applied Science (Architecture and Engineering), Forestry, Medicine and Pharmacy.

(iii) In courses leading to the B.A. degree, Mathematics 101 is required for Bacteriology (all courses except 100), Biology (all courses except 100), Botany (all courses except 200), Chemistry (all courses except 100, 101, 210), Geology, Mathematics (all courses except 100, 201), Physics (all courses except 103), and Zoology (all courses except 200). It is also a prerequisite for majors or Honours in the above subjects and also for Honours in Economics, Geography, Philosophy, and Psychology. Mathematics 101 must precede all these courses except Bacteriology 200, Chemistry 200, and Physics 100, 101, with which it may be taken concurrently.

(iv) In courses leading to the degree of B.A., either Mathematics 100 or 101 must be taken by students registering for Bacteriology 100, Chemistry 100 or 101, Economics (all courses except 100),

Geography (all courses except 101, 201), and Honours in Political Science. Unless Mathematics 91 has been completed for University Entrance, Mathematics 100 must precede, or be taken concurrently with, Geography 101, Physics 103.

(v) The requirements in Mathematics for students proceeding to Commerce, Nursing or Social Work, or entering Home Economics or Physical Education, are given in the sections of this Calendar dealing with the curricula of these schools.

7. The special elective under K, which must be chosen from the subjects listed in Notes 2 and 3, need be taken only by students who are proceeding to those Honours Courses which require 18 units in the Second Year. The individual departments should be consulted. See also pages 48-59.

#### Honours Curriculum

The B.A. in an Honours Course requires the completion of the First and Second Years in conformity with the regulations above and of a minimum of 51 units in the Combined Second, Third, and Fourth Years, of which not less than 15 units should be taken in each year. The following regulations govern Honours Courses:

1. A student who proposes to take an Honours Course must obtain the consent of the departments concerned. This consent will normally be granted only to a student who has a clear academic record at the end of his Second Year with at least Second Class standing in the subject or subjects specialization, and who has taken the courses and fulfilled the prerequisites outlined below.

2. Some departments offer Honours Courses either alone or in combination with other departments. For Honours in a single department, at least 18 of the requisite units for the combined Third and Fourth Years must be taken in the department concerned, and at least 6 units outside it. For Honours in combined courses, at least 12 units in the combined Third and Fourth Years are required in each of two subjects.

## SINGLE HONOURS COURSES

### Biology and Botany

Prerequisites: Biology 100, Chemistry 100 or 101, Mathematics 101.

Course: In the Second Year, Botany 200, Zoology 200, English 200, a language, Physics 100 or 101, Chemistry 200.

### Chemistry

Prerequisites: Chemistry 100 or 101, Physics 100 or 101, Mathematics 101.

Course: In the Second Year, Chemistry 200, Mathematics 202, Physics 200, and nine additional units.

### Classics

Prerequisites: Greek 101, Latin 101.

Course: In the Second Year, Greek 202 and Latin 202.

### Economics

Prerequisites: For admission to the Third Year of the Honours Course, Mathematics 101, a reading knowledge of French or German and a First Class or a High Second Class in Economics 200.

Course: In the Second Year, Economics 100, if not already taken, and Economics 200.

### English

Prerequisites: A First or high Second Class mark in English 200; an elementary knowledge of Latin (e.g., University Entrance Latin or Latin 90).

Candidates will present evidence, by the end of the Fourth Year, of a reading knowledge of French, German or Russian.

### French

Prerequisite: French 101.

Course: In the Second Year, French 202, in which a First or high Second Class standing must be obtained, and French 203.

## **Geography**

Prerequisites: In the First and Second Years, Mathematics 101, Geography 101 and two years of French or German.

Course: Geography 201 is recommended in the Second Year for those in the Social Sciences.

## **Geology**

Prerequisites: Chemistry 100 or 101, Mathematics 101, Physics 100 or 101, a modern language, and, if possible, Biology 100.

Course: In the Second Year, Geology 200, Biology 100 or Zoology 200 (if Biology 100 has been taken).

## **History**

Prerequisites: (1) History 101. (2) A reading knowledge of French or German.

Course: Students entering Honours in the Second Year should pursue the following course: English 200; French 202 (or its equivalent); History 102, and two elective courses.

## **International Studies**

Prerequisites: For students proceeding to the Third Year in the Honours Course, French 202 or its equivalent and a First Class or good Second Class standing in History 101 or Economics 200.

Course: In the Second Year, Economics 200, English 200, French 202 or its equivalent, Geography 201, History 101 (if not already taken) or History 102 (if not already taken).

## **Latin**

Prerequisite: Latin 101.

Course: Latin 202 in the Second Year. Candidates are strongly advised to take Greek.

## **Mathematics**

Students may take Honours in

- (a) Mathematics
- (b) Mathematics (Actuarial Option),
- (c) Applied Mathematics.

Prerequisites: Mathematics 101, Physics 100 or

101, Economics 100 or Psychology 100 (Actuarial Option), Chemistry 100 or 101 (Applied Mathematics). A reading knowledge of French or German is highly desirable. Students who have taken French in High School should take German.

Course: In the Second Year, Mathematics 200, 202, Physics 200 (replaced by Mathematics 201 in the Actuarial Option), and 9 additional units.

### **Philosophy**

Prerequisites: Mathematics 101, Psychology 100, Philosophy 100, and 3 units of a science.

### **Physics**

Prerequisites: Chemistry 100 or 101, Mathematics 101, Physics 100 or 101.

Course: In the Second Year, Mathematics 200, 202, Physics 200, and 9 additional units chosen in conformity with calendar regulations.

### **Political Science**

Prerequisites: Mathematics 100 or 101, a reading knowledge of French or German, and a First Class or high Second Class standing in Economics 200.

### **Psychology**

Prerequisites: Biology 100, Mathematics 101, Philosophy 100, Psychology 100. At least Second Class standing must be obtained in the work of the Second Year.

### **Sociology**

Prerequisites: For admission to the Third Year of the Honours Course, a First or high Second Class standing in Sociology 200 together with demonstrated competence in a foreign language.

### **Zoology**

Prerequisites: Mathematics 101, English 100-101, French 101, Biology 100, Chemistry 100 or 101.

Course: In the Second Year, English 200, German

90 or 101, Botany 200, Chemistry 200 (or Chemistry 210 with special permission), Zoology 200, Physics 100 or 101.

**Note:** Students who are planning to take a Combined Honours Course are advised to consult the University Calendar.

### COURSES LEADING TO THE DEGREE OF B.Com. (Commerce)

(Five-year course, two years of which may be taken at Victoria College)

A student who completes the course of studies for any of the following options will receive the degree of Bachelor of Commerce (B.Com.) on graduation:

1. Accounting
2. Marketing
3. Production
4. Finance
5. Retailing
6. Commerce and Economics
7. Commerce and Political Science
8. Commerce and Science
9. Commerce and Home Economics
10. Commerce and Teaching
11. Commerce and Forestry
12. Commerce and Agricultural Economics
13. Commerce and Agricultural Science
14. Commerce and Hospital Administration
15. Commerce and Law (for double degree).

For admission to the School of Commerce, a student must have completed First Year Arts and Science, or its equivalent.

## OPTION REQUIREMENTS

### Pre-Commerce

Option No.	Obligatory	Electives
1 to 15	Eng. 100, 101; Math 100 or 101*	
1, 4	Language other than Eng., or Science	6 units
2, 3, 5	Language other than Eng., or Science; Psych. 100	3 units
6, 7	Language other than Eng., Econ. 100	3 units
8	6 units from Chem. 100 or 101, Biol. 100, Physics 100 or 101, Geog. 101	3 units
9	Biol. 100; 6 units from Physics 100 or 101, Chem. 100 or 101, Psych. 100	.....
10	Language other than Eng., or Science; 3 units prerequisite to major; Psych. 100	3 units
11	Physics 100 or 101; Chem. 100 or 101	3 units
12	Biol. 100	6 units
13	Biol. 100; Chem. 100 or 101	3 units
14	Language other than Eng., Biol. 100 or Chem. 100 or 101; Psych. 100	.....
15	Language other than Eng., or Science	6 units

\* Students proposing to take Physics 100 or 101, or options 8 or 12, or a Mathematics or Science major in option 10, must take Mathematics 101 (Prerequisite: Math. 91 or 100).

### First Year Commerce

Option No.	Obligatory	Electives
1 to 15	Eng. 200; Com. 151; Econ. 200	
1, 4	Math. 201	3 units from: Geog. 201; Psych. 100 or 202.
2, 5	Geog. 201	3 units from: Math 201; Psych. 100 or 202; Lan- guage.
3	Geog. 201	3 units from: Math. 201; Psych. 100 or 202; Science
6, 7	Geog. 201	3 units from: Math. 201; Language.
8*	Ist Year Science	3 units from: Math. 200, 201 or 202; Geog. 201.
9	Home Econ. 210	3 units from: Geog. 201, Chem. 210.
10	Prereq. to major (6 units)	
11	Math 201; For. 253	
12	Math. 202	3 units from: Geog. 201; Science.
13**	Geog. 201; Agr. 100	3 units from: Math. 201; Bact. 100.
14	Psych. 202	3 units from: Chem. 100 or 101; Biol. 100.
15	Geog. 201	3 units from: Math. 201; Psych. 100; Hist. 101; Phil. 100; Language; Science.

\* Math. 201 should be chosen by those who propose to take Biology, Botany or Zoology as a major. Math. 202 should be elected by students who propose to take Chemistry or Physics as a major.

\*\* Bacteriology 100 is prerequisite to Dairying 200.

## COURSES LEADING TO THE DEGREE OF B.A.Sc. (APPLIED SCIENCE)

(Four-year course, for which the prerequisite year in Arts and Science may be taken at Victoria College)

The degree of Bachelor of Applied Science is granted on completion of the work in one of the courses given below:

1. Agricultural Engineering
2. Chemical Engineering.
3. Civil Engineering
4. Electrical Engineering
5. Forest Engineering
6. Geological Engineering
7. Mechanical Engineering
8. Metallurgical Engineering
9. Mining Engineering
10. Engineering Physics.

### Admission

For admission to courses in Engineering, a student must have completed the First Year in Arts and Science or its equivalent.

Required subjects are:

English 100 and 101      Chemistry 100 or 101  
Mathematics 101      Physics 100 or 101

Language: One of the following—Latin 101,  
French 101, German 90, 100, 101.

For admission to the First Year of Applied Science the passing grade is 60 per cent. in Mathematics, Chemistry and Physics, and 50 per cent. in other subjects.

No student with defective standing will be admitted to the First Year of Applied Science.

Students intending to enter Applied Science are advised to present Chemistry 91, Mathematics 91, and Physics 91 for University Entrance.

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## COURSE LEADING TO THE DEGREE OF B.Arch. (Architecture)

(Five-year course, for which the prerequisite year in Arts and Science may be taken at Victoria College)

For admission to the School of Architecture, a student must have completed the First Year in Arts

and Science or its equivalent, and must have obtained an average grade of at least 60 per cent.

Required subjects are:

English 100 and 101

Mathematics 101

Chemistry 100 or 101

Physics 100 or 101

Language: One of the following—French 101,  
German 90 or 100 or 101, Latin 101.

A reading knowledge of French or German  
is highly desirable.

Before deciding to register in Architecture, a student should take whatever aptitude tests are available.

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#### COURSE LEADING TO THE DEGREE OF B.S.N. (Nursing)

##### Nursing A (for High School Graduates)

A basic professional nursing course leading to the degree of Bachelor of Science in Nursing, given in co-operation with the Vancouver General Hospital School of Nursing which provides the clinical portion of the course. For the final year of the course the student elects either "Public Health Nursing" or "Clinical Supervision."

Required subjects for First Year Arts and Science are:

English 100 and 101

\*Mathematics 100 or 101

Chemistry 100 or 101

Biology 100

One additional course selected from the following:

Psychology 100

Economics

History 101, 102

A language other than English.

##### Formal Admission to the School of Nursing

\* Students who have completed Mathematics 91 and obtained a mark of at least 65% may substitute for Mathematics 101 a second course chosen from the group of additional courses listed.

Following satisfactory completion of the above programme the student is formally admitted to the University School of Nursing. Application for such admission should be submitted not later than August 15th.

To be eligible students must obtain at last 60 per cent. in either Biology or Chemistry, or, in lieu of this, an overall average of at least 60 per cent. In other subjects at least 50 per cent. must be obtained.

Since the Vancouver General Hospital School of Nursing provides the major portion of the clinical programme, its admission requirements, as well as those of the University, must be met by the student before final acceptance to the degree course is approved. Students are advised to write to the Director, Vancouver General Hospital School of Nursing, for a calendar.

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#### COURSE LEADING TO THE DEGREE OF B.S.F. (Bachelor of Science in Forestry)

The degree of Bachelor of Science in Forestry is granted on the completion of four years work in the Faculty of Forestry.

The courses in Forestry provide a strong, well-rounded professional forestry training and at the same time give the student, through his choice of electives, an opportunity to supplement his knowledge of allied sciences as a background toward further specialized training. This objective is attained by requiring the student to take during each academic year a basic core of essential subjects and a certain number of other courses which are elective. The choice of the student's electives is governed by the particular phase of forestry in which he is interested. The main phases of technical forestry or allied fields are: General Forestry (Management, Administration, Protection, Silviculture, Utilization), Forest Business Administration, Forest Pathology, Forest Entomology, and Wild Life Management.

## Admission

For admission to the Faculty of Forestry it is required that the student shall have completed the First Year in Arts and Science, with credit for the courses shown below.

Required subjects are:

English 100 and 101

Mathematics 101

\*Biology 100

Chemistry 100 or 101

Language: one of the following—Latin 101,  
French 101, German 90, 100, 101.

The passing grade for entrance to Forestry is 60 per cent. in each of Mathematics, Chemistry and Biology; for all other subjects a grade of 50 per cent. will be accepted.

No student with defective standing will be admitted to the First Year in Forestry.

Students intending to enter Forestry are advised to present Chemistry 91, Mathematics 91, and Physics 91 for University Entrance.

\* Students who offer Physics 100 or 101 with a passing grade of 60 per cent., in lieu of Biology 100 for admission to the Faculty of Forestry may take Biology 100 concurrently with Botany 200 in the First Year of Forestry.

## COURSES LEADING TO THE DEGREE OF B.S.A. (Bachelor of Science in Agriculture)

The degree of Bachelor of Science in Agriculture (B.S.A.) is granted as a General Course degree or with Honours. The General Course leading to the degree of B.S.A. covers a period of four years. The course leading to the degree of B.S.A. with Honours covers a period of five years and may be taken in various specialized fields of study.

The requirements for the First Year consist of 16 units, as outlined below:

- (a) Agriculture 100 (1 unit)
- (b) Biology 100
- (c) Chemistry 100 or 101
- (d) English 100 and 101



Victoria College and  
Provincial Normal School  
Victoria, British Columbia



Edward Goodall.

- (e) Mathematics 101
- (f) Elective (3 units)

Students taking one year's work at the College will lack four units of work in Agriculture which may be taken during the Second Year at the University.

### COURSE LEADING TO A DEGREE IN PHARMACY

The course in Pharmacy covers a period of four years following First Year Arts and Science, including twelve months of practical training.

For admission to Pharmacy it is required that the student shall have completed the First Year in Arts and Science with credit for the courses shown below and an average grade of at least 60 per cent., or that he shall have fulfilled these requirements by Senior Matriculation or similar work taken outside the University.

The required subjects are Chemistry 100 or 101; English 100 and 101; Mathematics 101; Physics 100 or 101 or Biology 100; and one optional subject to be chosen from Economics 100, French 101, Geography 101, German 90 or 100 or 101, History 101 or 102, Latin 90 or 101, Philosophy 100, Psychology 100.

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### COURSE LEADING TO BACHELOR OF LAWS

Candidates must present evidence of having:

- (a) graduated from an approved university; or
- (b) successfully completed the requirements of the School of Commerce in the combined B.Com., LL.B. course in the University of British Columbia; or
- (c) successfully completed the Arts and Science requirements in the combined B.A., LL.B. course and obtained in the Third Year of Arts and Science an average of not less than 60%\*; or

- (d) successfully completed the First and Second Years in the course leading to the degree of Bachelor of Arts in the University of British Columbia and obtained in the Second Year thereof an average standing of Second Class (65%) or higher\*; or
- (e) successfully completed the equivalent of (b), (c), or (d) at an approved university.

\* Students proposing to seek admission to the Faculty of Law are strongly recommended to take Commerce 151.

### COURSE LEADING TO A DEGREE IN MEDICINE

Admission to the Faculty of Medicine will be based primarily upon ability and pre-medical achievements as demonstrated by scolastic records and aptitude tests, and upon personal qualities evidenced by interviews and letters of recommendation from persons who know the applicant well.

It is required that candidates shall have completed at least three years, beyond University Entrance requirements, at an approved Faculty of Arts and Science. This must represent not less than forty-eight (48) units or ninety-six (96) semester hours of work, including required pre-medical subjects. The minimum acceptable scholastic average is Second Class standing (65 to 80 per cent.), but, in view of the demand for medical education, candidates are unlikely to gain admission with scholastic records below high Second Class.

#### Pre-Medical Requirements

The requirements listed below apply to students taking their pre-medical work in the Faculty of Arts and Science at the University of British Columbia. Two years of the course may be taken at Victoria College.

**English:** English 100 and 101 (Literature and Composition), English 200 (Literature and Composition).

**Mathematics:** Mathematics 101, Algebra, Geometry and Trigonometry). Mathematics 202 (Calculus) should be taken if advanced work in Physics, Physical Chemistry, or Biophysics is planned.

**Chemistry:** Chemistry 100 or 101 (General Chemistry), Chemistry 200 (Quantitative and Qualitative), Chemistry 300 (Organic Chemistry).

**Physics:** Physics 100 or 101 (Elementary Physics), Physics 220 (General Physics).

**Biology and Zoology:** Biology 100 (Introductory Biology), Zoology 200 (General Zoology) and Zoology 304 (Vertebrate Embryology). Biology 330 (Principles of Genetics) is recommended but not required.

Wherever possible, students should have completed six units of Psychology before entering upon the study of medicine.

### PRE-NORMAL COURSE

This is a one-year course which fulfills the academic requirements for a First-Class Teaching Certificate in the Province of British Columbia. It has been specially designed to dovetail with Normal School work.

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### DOUBLE DEGREES

Students who are planning to take a double degree are advised to consult the University Calendar.

## EVENING DIVISION

Director: Robert T. D. Wallace, M.A.

Assistant Director: G. Reid Elliott, M.A.

Regular First and Second Year courses in Arts are offered in the evenings at Victoria College. An opportunity to register for these courses is provided during September and any course for which there is sufficient registration will be given. The Evening Division term is the same as that of the Regular Session and classes are conducted on Tuesday and Thursday evenings at 7:30 p.m. No student may take more than one Evening Division Course (3 units) each session.

In addition to the Regular Credit Courses, the Evening Division offers a limited number of non-credit courses. The courses to be offered in the fall of 1952 will be announced during the late summer and registration by mail will be arranged early in September.

## EXAMINATIONS AND ADVANCEMENT EXAMINATIONS

1. Examinations in all subjects, obligatory for all students, are held in December and in April.

2. Applications for special consideration on account of illness or domestic affliction must be submitted in writing to the Registrar not later than two days after the close of the examination period. In cases of illness a medical certificate must be presented to the Registrar's office.

3. In any course which involves both laboratory work and written examinations, students will be required to make satisfactory standing in both parts. Results in laboratory work will be announced prior to the final examination, and students who have not obtained a mark of at least 50% will neither be permitted to write the examination nor to receive any credit for the course. If the course is repeated no exemption will be granted from the work in either part.

## Standing and Credit

1. Candidates taking at least 15 units of work, and obtaining at least 50% in each subject, will be graded as follows: First Class, an average of 80% or over; Second Class, 65 to 80%; Passed 50 to 65%.

2. (a) A student taking 9 or more units in the Winter Session will receive credit for a course only if, as a result of the final examinations of that Session, he passes in courses totalling at least 9 units, including the course in question. The passing grade for a course is 50%.

(b) A student taking less than 9 units in the Winter Session will receive credit for a course only if, as a result of the final examinations of that Session, he passes in all his courses. The passing grade for a course is 50%.

3. Courses for which credit has not been obtained must be repeated, or permissible substitutes taken, in the next regular session attended. In the Winter Session the total of all courses taken may not exceed 18 units.

4. Term essays and examination papers will be refused a passing mark if they are deficient in English; and, in this event, students will be required to pass a special examination in English to be set by the Department of English.

## Supplementals

1. In the Winter Session, a candidate will be granted a supplemental in a subject which he has taken during the Session provided (i) he has written the final examination and has obtained a final mark of not less than 35%; and (ii) he has obtained at least 9 units of credit in that Session. In any one session, no candidate will be granted supplementals in more than 6 units. In an Evening Division Course, a student will be granted a supplemental in a subject in which he has obtained a final mark of not less than 35%.

2. If a supplemental granted in a course is passed with a grade of at least 50%, credit will be given for the course.

3. A candidate who has been granted a supplemental may write it only once. If he fails, he must repeat the course or take a permissible substitute.

4. Supplemental examinations, covering the work of both the First and Second Terms, will be held in August or September.

5. Applications for supplemental examinations, accompanied by the necessary fees, must be in the hands of the Registrar by August 1st.

Notice will be sent to all students who are entitled to supplemental examinations.

#### **Re-Readings**

1. Any request for the re-reading of an answer paper must reach the Registrar within two weeks after the announcement of examination results and must be accompanied by a fee for each paper of \$2.00, which will be refunded only if the mark is raised.

2. Each applicant for a re-reading must state clearly why he believes the content of his paper to deserve a mark higher than it received; pleas on compassionate grounds should not form part of this statement and prospective applicants should remember that a paper with less than a passing mark has been read at least a second time before results are announced.

3. Re-readings will not be permitted in more than two papers (6 units) in the work of one academic year, and in one paper (3 units) in a partial course of 9 units or less.

#### **Unsatisfactory Standing**

1. A student with standing defective in respect of more than 3 units, although he will not be permitted to register in a higher year, may be allowed to continue by registering in the lower year and by taking courses in accordance with Paragraph 3 under "Standing and Credit."

2. A student who, twice in succession, fails to obtain credits in the Winter Session may, upon the recommendation of Faculty, be required by the College Council to withdraw from the College.

3. Any student whose academic record, as determined by the tests and examinations of the First Term of the First or Second Year, is found to be unsatisfactory, may upon the recommendation of the Faculty be required by the College Council to discontinue attendance at the College for the remainder of the Session.

## COURSES IN ARTS AND SCIENCE

The number of units assigned to a course is given in round brackets immediately following the course number. Thus 100 (3) under Biology indicates that Biology 100 is a three-unit course.

The hours assigned for laboratory, lectures and tutorials in a course are indicated as follows:

- |  |                |
|--|----------------|
| 2 lectures and 3 hours laboratory per week, both terms.                                  | [2-3; 2-3]     |
| 1 lecture and 2 hours laboratory per week, First Term.                                   | [1-2; 0-0]     |
| 1 lecture and 2 hours laboratory per week, Second Term.                                  | [0-0; 1-2]     |
| 2 lectures, 3 hours laboratory and 2 hours tutorial or discussion per week, both terms.  | [2-3-2; 2-3-2] |
| 2 lectures, 3 hours laboratory and 2 hours tutorial or discussion per week, either term. | [2-3-2]        |

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## BIOLOGY

Biology 100 is a prerequisite to all other courses in Biology and Botany, and to all courses in Zoology.

100. (3) **Introductory Biology.**—The course is introductory to more advanced work in General Biology, Botany, or Zoology; also to courses closely related to biological science, such as Agriculture, Forestry, Medicine, Nursing, Pharmacy, Fisheries, Home Economics. Principles of biology; interrelations of plants and of animals; life processes; the cell and division of labour; life histories; relation to environment; dynamic biology.

Text-book: Marsland and Plunkett, *Principles of Modern Biology*, Holt. [3-3; 3-3]

## BOTANY

Botany 200 is prerequisite to all other courses in Botany, and for Honours in Zoology.

200. (3) General Botany.—General perspective of the plant kingdom, physiological anatomy, ecological relations, and development trends. Prerequisite: Biology 100.

Reference: Holman and Robins, General Botany, Wiley. [3-3; 3-3]

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## CHEMISTRY

100. (3) General Chemistry.—For students with no previous chemistry. Includes the topics of both Chemistry 91 and Chemistry 101. Mathematics 100 or 101 must precede or be taken concurrently.

Text-books: Brisco, College Chemistry, 4th ed., Houghton, Mifflin. Bernard King, Chemistry, Elementary, Littlefield, Evans. [5-3; 5-3]

101. (3) General Chemistry.—Designed to follow Chemistry 91 and primarily for science and engineering students. Fundamental theories, periodic table, inorganic reactions, chemical calculations. Prerequisites: University Entrance Chemistry 91, and Mathematics 100 or 101. The latter may be taken concurrently.

Text-books: Hildebrand, Principles of Chemistry, combined volume, 5th ed., Macmillan. Bernard King, Chemistry, Elementary, Littlefield, Evans. [3-3; 3-3]

200. (3) Quantitative and Qualitative Analysis.—Principles of chemistry with special emphasis on analytical procedures; reactions of the common ions; ionic equilibria in solution. Prerequisites: Chemistry 100 or 101, and Mathematics 101. The latter may be taken concurrently.

Text-books: To be announced. [2-6; 2-6]

210. (3) Elements of Organic Chemistry.—A study of the more important families of organic compounds both aliphatic and aromatic, with particular reference to their physiological importance. Representative synthesis will be performed in the

laboratory. Prerequisites: Chemistry 100 or 101, and Mathematics 100 or 101. Credit will not be given for both Chemistry 210 and 300.

Text-book: Williams and Hatch, *Introduction to Organic Chemistry*, Van Nostrand.

Laboratory text-book: E. Wertheim, *A Laboratory Guide for Organic Chemistry*, Blakiston.

[3-3; 3-3]

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## COMMERCE

Commerce 151 is open only to those students who are permitted to register in the Second Year.

151. (3) **Fundamentals of Accounting**.—An introductory course on fundamental bookkeeping procedure, preparation of financial statements and uses which may be made of accounting data in operating business enterprise.

Text-book: Finney, *Principles of Accounting—Introductory*, Prentice-Hall. [4-0; 4-0]

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## ECONOMICS

Economics 200 is a prerequisite for all other Economics courses except 100 and 140. Credit will not be given for both Economics 140 and 200.

100. (3) **Economic History of Europe**.—Influence of natural resources, climate, geography, discoveries, inventions, enterprise, investment, labour and government on the development of Europe from primitive times to the present day. Prerequisites: None.

Text-book: Heaton, *Economic History of Europe*, Revised Edition, Harpers. [3-0; 3-0]

200. (3) **Principles of Economics**.—The agencies, institutions and processes involved in providing for society's material well-being; division of labour and exchange; roles of money, prices and profits; determinants of income, employment, and the standard of living. Prerequisites: First Year standing; Mathematics 100 or 101 (may be taken concurrently.)

Text-book: Logan and Imman, *A Social Approach to Economics*, Second Edition, University of Toronto Press; Allen, Morgner, Strotz, *Problems for Economic Analysis*, Prentice-Hall. [3-0; 3-0]

## ENGLISH Prerequisites

All students in First Year are required to take English 100, 101. English 100, 101 or its equivalent in Senior Matriculation is prerequisite to English 200.

Students who have failed either part of English 100, 101 will be required to repeat both parts. No further courses in English may be taken until both parts have been passed.

English 200 is prerequisite to English courses above 400 for all students proceeding to a B.A. degree.

Every student is required to own a good dictionary, e.g., "The Concise Oxford Dictionary," "The American College Dictionary," "Webster's Collegiate Dictionary," "The Winston Simplified Dictionary."

### First Year

100, 101. (3) Literature and Composition.—Elementary study of the short story, the play and poetry. Elementary principles of composition. Themes and exercises are required. This course is not divisible, for purposes of credit, into two parts.

Texts: A Little Treasury of Modern Poetry, Revised edition, ed. O. Williams; Masters of the Modern Short Story, ed. Havighurst; Shakespeare, *Othello*; Shaw, *Saint Joan*; Sheridan, *School for Scandal*; Miller, *Death of a Salesman*. Foerster, Steadman and McMillan, *Writing and Thinking*, Houghton, Mifflin, 1952 edition. [4-0; 4-0]

### Second Year

200. (3) Literature and Composition.—A study of literature from Chaucer to the nineteenth century and of the principles of composition. Themes and exercises are required.

Texts: The College Survey of English Literature, Revised Edition, Whiting, et al.; Shakespeare, *Hamlet* and *Henry IV, Part I*; Austen, *Pride and Prejudice*; Fielding, *Tom Jones*. [3-0; 3-0]

## FRENCH

101. (3) First Year University French.—Considerable written work will be required throughout the course, as one of the chief aims will be to develop an ability to write correct French sentences. Prerequisite: University Entrance French or its equivalent.

Texts: W. F. H. Whitmarsh, Simpler French Course for First Examinations, Longmans, Green. Contes Modernes, revised edition, 1949, Yale University; Four Contemporary One-Act Plays, A. G. Fite, 1931, Heath; Les Cent meilleurs poèmes lyriques, Gowans and Gray. [3-0; 3-0]

202. (3) Second Year University French.—Composition in French based on the texts listed below. Much time will be devoted to practice in writing paragraphs and short essays. There will be oral practice and tests. Prerequisite: French 101 or its equivalent.

Texts: Romains, Knock, Menut and Chapman; Flaubert, Madame Bovary; Cantanès and Robert, Promenade littéraires et historiques. [4-0; 4-0]

203. (3) The Background of Modern French Literature.—Instruction in the organization of work; training in speech and writing. Open to students preparing for Honours.

Texts: Balzac, Le Père Goriot; Poètes Français du XIXe Siècle; Ledesert, Histoire de la Littérature Française. [3-0; 3-0]

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## GEOGRAPHY

Students intending to major or honour in Geography are required to take Geography 101 as a prerequisite to all other courses in Geography.

101. (3) Elementary Physical Geography.—Introductory course; the study of maps and map reading, land forms, processes of weathering, erosion, diastrophism, materials of the earth's crust, climate, and

history of the earth; laboratory: elementary surveying and map making; interpretation of climatic and topographic maps; the study of common minerals, rocks and fossils.

Texts: A. N. Strahler, **Physical Geography**, 1951, Wiley. [3-2; 3-2]

201. (3) **Human and Economic Geography**.—An introductory course dealing with man and his occupations; the effect of physical environment upon the distribution of world populations; the distribution of natural resources and problems of trade.

Texts: Case and Bergsmark, **College Geography**, 1949, Wiley. [3-0; 3-0]

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## GEOLOGY

200. (3) **General Geology**.—Introductory course: "Physical Geology," including weathering, ground water, stream, glacier and wind action, the ocean and its work, earth structure, earthquakes, vulcanism, intrusions, metamorphism and mineral deposits; "Historical Geology" includes history of the earth and its life. Prerequisites: Chemistry 100 or 101 and Physics 100, 101, or 103 before or concurrently.

Text: Longwell, Knopf, Flint, Schubert, and Dunbar, **Outlines of Geology**, 1941, Wiley. [3-2; 3-2]

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## GERMAN

90. (3) **Beginners' Course**.—Greenfield, **An Outline of German Grammar**, revised edition, Barnes and Noble; Meyer, **Graded Readers**, Houghton Mifflin. [4-0; 4-0]

100 (3) Prerequisites: University Entrance German or German 90.

Texts: Russon, **Complete German Course**, Longmans; Foltin, **Aus Nah und Fern**, Houghton Mifflin; Bruns, **Book of German Lyrics**, Heath; Kurtz, **Drei Novellen**, 1949, Prentice-Hall. [4-0; 4-0]

101. (3) Scientific German.—Scientific German for students majoring in natural sciences; review of essentials in German grammar and composition. Prerequisites: University Entrance German or German 90.

Texts: Wild, *An Introduction to Scientific German*, Oxford; Wild, *An Anthology of Scientific German*, Oxford; Russon, *Complete German Course*, Longmans. [4-0; 4-0]

## GREEK

Greek 101 is open to students who have presented Greek for University Entrance or have passed Greek 90; Greek 202 is open to those who have passed in Greek 101, or Senior Matriculation Greek.

90. (3) Beginners' Greek.—The elements of Attic Greek.

Text-books: Crosby and Schaeffer, *An Introduction to Greek*. [4-0; 4-0]

101. (3) Introduction to Greek Prose Authors.

Text-books: Crosby and Schaeffer, *An Introduction to Greek*; H. W. Household, *Hellas the Forerunner*, 2 volumes. Text: Xenophon, *The First Four Books of Xenophon's Anabasis*, Goodwin and White. [4-0; 4-0]

202. (3) Greek Literature of the Classical Period.—Plato's account of Socrates' defence at his trial; a play of Aeschylus; practice in composition; brief survey of Greek literary history.

Text-books: North and Hillard, *Greek Prose Composition*; C. M. Bowra, *Ancient Greek Literature*. Texts: Plato, *Apology*, Dyer and Seymour; Aeschylus, *Prometheus Vinctus*, Sikes and Willson. [4-0; 4-0]

## HISTORY

Students who intend to major in History, or to enter the Teacher Training Course with a major in History must obtain credit in at least one course normally offered in the first two years in addition to the three courses required in the Third and Fourth Years.

101. (3) Main Currents in Twentieth-Century History.—This course offers a background for contemporary world problems and is prerequisite to History Honours. If the World History course has been taken in Senior Matriculation, History 102 will be required for Honours. Essays will be assigned throughout the Session.

Text: Zebel, *Europe Since 1870*, Longman's.  
[3-1; 3-1]

102. (3) The History of Canada.—Introductory general course required for Second Year Honours credit. Essays will be assigned throughout the Session.

Text: Wittke, *History of Canada*, McClelland and Stewart.  
[3-0; 3-0]

203. (3) Canada West of the Great Lakes.—The place of Western Canada in Canadian development. Essays will be assigned throughout the Session.

Texts: Lower, *Colony to Nation*, Longman's; Wrong, *The Canadians*, Macmillan; Creighton, *Dominion of the North*, Houghton, Mifflin; Sage, *Canada from Sea to Sea*, University of Toronto.  
(Not given in 1952-53.) [3-0; 3-0]

304. (3) Mediaeval Europe, 500-1300.—A general outline of mediaeval history from the fall of the Roman Empire to the 13th century. Essays will be assigned throughout the Session.

Text: Stephenson, *Mediaeval History*, revised edition, Harpers.  
[3-0; 3-0]

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## LATIN

Latin 101 is open to students who have presented Latin for University Entrance or have taken Latin 90 in the University; Latin 202 is open to those who have passed in Latin 101 or in Senior Matriculation Latin.

90. (3) Beginners' Latin.—For students with no previous knowledge of Latin; for credit only to students who have not offered Latin for credit at University Entrance.

Text Book: Smith and Thompson, *First Year Latin*, Allyn and Bacon.  
[4-0; 4-0]

**101. (3) Introduction to Latin Literature.**—The course begins with a survey of Latin grammar; study of Latin words, idioms and translation; practice in composition; followed by reading of selections from Latin authors; history of Rome.

Text-books: North and Hillard, *Latin Prose Composition*, Rivingtons; Robertson and Robertson, *The Story of Greece and Rome*, Chapters XXXIII-LIV, Dent; A. Petrie, *A Latin Reader*, Oxford University Press; Wormald, *Sensim*, Book I, Arnold and Company. [3-0; 3-0]

**202. (3) Prose and Poetry of the Golden Age.**—Prose of Cicero; the developed epic as represented by Virgil; history of Greece.

Text-books: Robertson and Robertson, *The Story of Greece and Rome*, Chapters I-XXXII, Dent; Allen and Greenough Edition, *Cicero, Orations and Letters*, Ginn; Virgil, *Aeneid VI*, Page, Macmillan; Wormald, *Sensim*, Book II, Arnold and Company. [3-0; 3-0]

## MATHEMATICS

**100. (3) Algebra, Geometry, and Trigonometry.**—Logarithms, ratio and proportion, graphical representation, progressions, interest and annuities, permutations and combinations, elementary statistics, elementary trigonometry. Prerequisite: Mathematics 30. Students who have credit for Mathematics 91 or its equivalent may not take Mathematics 100. (See note 6, page 28.)

Text-book: To be announced. [4-0; 4-0]

**101. (3) Algebra, Geometry, and Trigonometry.**—Logarithms, theory of quadratic equations, permutations, combinations, binomial theorem, determinants, straight line, circle, parabola, ellipse, and hyperbola; elementary trigonometry. Prerequisite: Mathematics 91 or 100. Mathematics 100 may not be taken concurrently with Mathematics 101, and credit will not be given for both courses. (See note 6, page 28.)

Text-book: Sisam, *College Mathematics*, Holt. [4-0; 4-0]

Mathematics 101 is prerequisite to Mathematics 200 and 202. Either Mathematics 100 or 101 is prerequisite to Mathematics 201.

200. (3) **Algebra and Geometry.**—Mathematical induction, complex numbers, theory of equations, determinants; conics, polar co-ordinates, and solid analytic geometry.

Text-book: Sisam, **College Mathematics**, Holt.  
[3-0; 3-0]

201. (3) **The Mathematical Theory of Investments.**—Theory of interest, annuities, debentures, valuation of bonds, sinking funds, depreciation, probability and its application to life insurance.

Text-book: Simpson, Pirenian, Crenshaw, **Mathematics of Finance**, Prentice-Hall. [3-0; 3-0]

This course may not be counted in the units required for a major in Mathematics. Primarily for students in Commerce.

202. (3) **Calculus.**—Introduction to differential and integral calculus, with applications.

Text-book: Lloyd L. Smail, **Calculus**, Appleton-Century.  
[3-0; 3-0]

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## PHILOSOPHY

100. (3) **Introduction to Philosophy.**—Problems of philosophy with emphasis upon proposed solutions of problems of today.

Text: To be announced. [3-0; 3-0]

205. (3) **General History of Philosophy.**—Philosophy from the Greeks to the present. Primarily for General Course students. Students who have taken Philosophy 100 may not enroll for this course without permission of the instructor.

Text: To be announced. [3-0; 3-0]

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## PHYSICS

**Note:** Students who plan to take only one course in Physics, either to meet the calendar requirements for a science or to acquire some knowledge of the modern physical world, are advised to take Physics 103. All who propose to take an Honours Course in science, or any professional course, must take either Physics 100 or 101.

**100. (3) Elementary Physics.**—Principles of mechanics, properties of matter, heat, light, sound, electricity, and some of the more recent developments in physics. Mathematics 101 must precede or be taken concurrently with this course.

Text-book: Stewart, *Physics, A Text-book for College*, 5th edition, Ginn. [3-2-2; 3-2-2]

**101. (3) Elementary Physics.**—Principles of mechanics, properties of matter, heat, light, sound, electricity and some of the more recent developments in physics. Primarily for Honours Science and Engineering students. Prerequisite: University Entrance Physics 91.. Mathematics 101 must precede or be taken concurrently with this course.

Text-book: Stewart, *Physics, A Text-Book for Colleges*, 5th edition, Ginn. [3-2; 3-2]

**103. (3) A Survey of Physics.** — Principles of physics in non-mathematical language, principles of mechanics, heat, light, sound, electricity and atomic structure. Students who have received credit for Physics 100 or 101 may not take this course.

Text-book: White, *Classical and Modern Physics*, Van Nostrand. [3-2; 3-2]

**200. (3) Mechanics, Heat and Molecular Physics.**—Coplanar forces, Newton's Laws of Motion, friction, calorimetry, gas laws, and kinetic theory, radiation and conduction, entropy and second law of thermo-dynamics. Prerequisite: Physics 100 or 101. Mathematics 200 and 202 must be taken concurrently with or precede this course, which is intended only for students majoring in science.

Text-books: Duncan and Starling, *Dynamics*, Macmillan; Tyler, *Intermediate Heat*, Arnold and Company. [3-3; 3-3]

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## PSYCHOLOGY

Psychology 100 is a prerequisite for all courses in Psychology.

**100. (3) Introductory Psychology.**—A scientific and practical study of the basic forms of human thinking, emotion, and activity.

Text-book: Munn, *Psychology*, second edition,  
Houghton Mifflin. [3-0; 3-0]

202. (3) **Mental Hygiene.**—Origin and modification of behaviour, varieties of adjustive behaviour, mental hygiene.

Text-book: White, *The Abnormal Personality*,  
Ronald Press. [3-0; 3-0]

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## SOCIOLOGY

The prerequisite for Third and Fourth Year courses in Sociology is either Economics 200 or Sociology 200. The prerequisite may be taken concurrently with the advanced courses.

200. (3) **Introduction to Sociology.**—The significance of geographic, biological, psychological, and cultural factors in the rise, growth and functioning of groups; the interrelations of fundamental principles and of the institutions of the local community; social problems.

Text-books: Gillin and Gillin, *Cultural Sociology*, Macmillan; Ruth Benedict, *Patterns of Culture*.  
[3-0; 3-0]

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## ZOOLOGY

Biology 100 is prerequisite to all courses in Zool-  
ogy.

200. (3) **General Zoology.**—Structure, classification, life histories, and biology of animals.

This course is prerequisite to other courses in Zoology except in the case of students in Agriculture and Forestry who wish to take courses in entomology but do not intend to major in it.

References: Storer, *General Zoology*, McGraw-Hill; Hegner, *College Zoology*, 4th edition, Macmillan; Buchsbaum, *Animals Without Backbones*, University of Chicago; Romer, *Man and the Vertebrates*, University of Chicago. [3 3; 3-3]

# REGISTRATION FOR 1951-52

## Regular Session

	Men	Women	Total	Ex-Service
First Year Arts and Science..	182	68	250	2
Second Year Arts and Science	32	26	58	1
Second Year Commerce .....	8	-	8	-
Totals .....	222	94	316	3

## Evening Division Credit Courses

First Year Arts and Science..	17	5	22
Second Year Arts and Science	20	11	31
Totals .....	37	16	53

## Evening Division Non-Credit

Courses .....	309	477	786
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## UNIVERSITY NAVAL TRAINING DIVISION

Since the war the U.N.T.D. has functioned as a permanent peace-time Naval Training Unit for students who are interested in the Navy. Successful applicants are attested in the fall as ordinary seamen in the R.C.N. (Reserve) on Divisional Strength at H.M.C.S. Malahat. Prior to February 1st they appear before an Officers' Selection Board and, if passed by the Board, are promoted to Cadets R.C.N. (R). Upon completion of a four-year training syllabus Cadets qualify for a commission in the R.C.N. (Reserve) and may apply for a permanent force commission. Training involves one evening per week during the College session and a minimum of two full summers' training during vacation periods, and at least two weeks' duty in two other vacation periods. Provision is made for those who desire additional sea duty. Pay for the full summer training period is considered adequate to finance a year at College.

Training during the College year is conducted aboard H.M.C.S. Sault Ste. Marie, a ship of the Reserve Fleet attached to H. M. C. S. Malahat. Information may be obtained through Staff Officer, H.M.C.S. Malahat. Applications are to be submitted at the College to the Recruiting Officer on or after September 18th, 1952.

## CANADIAN OFFICERS' TRAINING CORPS

The U.B.C. Contingent of the C.O.T.C., of which the Victoria College detachment forms a part, was re-established in 1928 and has operated continuously since that time.

With the return of peace after the Second World War, military training was placed on a voluntary basis. The newly-revised programme governing training in the C.O.T.C. provides an opportunity for selected students to qualify for commissions in the Canadian Army, Active and Reserve. Prospective officer candidates are required to apply in writing for admission to the C.O.T.C. Upon acceptance, the candidate is appointed as an Officer Cadet with the rank and status of a 2/Lt. at a pay rate of \$165 per month plus allowances. He is required to devote a minimum of three hours per week at the College to theoretical training during the Winter Session and from 3½ to 5 months each summer in training at the various Active Force Corps Schools across Canada. On the successful completion of his military training and, in the case of engineers, upon graduation from the University, the Officer Cadet emerges qualified for the rank of Captain in the Reserve Force and for the rank of Lieutenant in the Active Force. A number of these officers are accepted into the Active Force each year. Many applicants for the Active Force are accepted during their final year at University, during which year they are placed on full pay and allowances as officers.

All inquiries for information should be directed to the Officer Commanding, Victoria College Detachment C.O.T.C. (Major R. T. Wallace). Consultation with the Resident Staff Officer may be had at the College when the academic year opens in September.

## SCHOLARSHIP WINNERS FOR 1950-51

University Scholarships and Chris Spencer Foundation Scholarships for University Entrance—	
Second highest standing in Prov. Lyle P. Robertson School Dist. 61 (Greater Victoria) George H. Forbes Victoria Women's Canadian Club Scholarships—	
(from University Entrance) .....	Lillian L. Mar Gavin Hanslip
Cecilia Green Memorial Scholarship—	
(from University Entrance) .....	Lilian E. Marshall
Captain F. G. Dexter Memorial Bursary—	
(from University Entrance) .....	James J. Thacker
Oak Bay Kiwanis Club Scholarship—	
(from University Entrance) .....	George H. Forbes
B.C. Command, Canadian Legion, B.E.S.L. Scholarships—(from University Ent.)	E. Pamela Temple A. Robin M. Maunsell
Victoria Branch, Provincial Employees' Association Scholarship—(from Univ. Ent.) .....	Lyle P. Robertson
The Vancouver Sun Scholarship—	
(from University Entrance) .....	Lyle P. Robertson
U.B.C. Alumni Scholarship—	
(from University Entrance) .....	M. Lorraine Brown
John N. Hatch Memorial Scholarship—	
(from University Entrance) .....	M. Lorraine Brown
B.C. Forest Products Limited Scholarship—	
(from University Ent.) .....	Stuart A. Beaveridge
Percy H. Elliott Memorial Scholarship .....	Jacqueline P. Sawyer
Royal Institution and Frank Eaton Memorial Scholarship .....	Patricia J. Carstens
by reversion to .....	Isabelle F. Davis
Alliance Francaise Prize .....	Isabelle F. Davis
T. Eaton Company (B.C.) Limited Scholarship .....	Jack N. Merner
by reversion to .....	Beverley J. Fulton
Kiwanis Scholarship .....	Jack N. Merner

Quita Nichol Bursaries—	
Second Year .....	Patricia J. Carstens
by reversion to .....	J. Fraser MacPherson
First Year .....	Beverley J. Fulton
by reversion to .....	Audrey N. Twa
First Year .....	N. Shirley G. Smith
University Women's Club	
Scholarship .....	Beverley J. Fulton
by reversion to .....	Audrey N. Twa
Kathleen Agnew Scholarship .....	John A. Coates
by reversion to .....	Patrick H. Thomas
Hudson's Bay Company	
Scholarship .....	Kenneth R. MacKay
by reversion to .....	Jenifer G. Munday
Sidney Roofing and Paper Company	
Scholarship .....	Patricia J. Carstens
The Canadian Legion, B.E.S.L. (Victoria, B.C.)	
Sir Percy Lake Memorial	
Scholarship .....	Beverley J. Fulton
The British Columbia Electric Railway Company, Limited, Proficiency Scholarship—(awarded through the University of British Columbia) .....	Garth Jones
The British Columbia Electric Railway Company, Limited, Scholarship .....	Robert Affleck
The British America Paint Company	
Scholarship .....	Jack N. Merner
by reversion to .....	Denis A. Godson
Victoria Gyro Club Scholarship .....	John A. Coates
Victoria Municipal Chapter Imperial Order of the Daughters of the Empire	
Scholarship .....	Beverley J. Fulton
Kinsmen Club of Victoria	
Scholarship .....	Peter L. Smith
Esther Pearce Memorial Prize	Freya M. A. Rodstrom
John Wesley Church Memorial	
Scholarship .....	Yvonne J. Peirce
by reversion to .....	Victor D. Harrison

The Victoria Lions Club Scholarship	Janice M. Bacon
The Victoria Rotary Club	
Scholarship .....	Beverley J. Fulton
by reversion to .....	E. Claire Thomas
The British Columbia Cement Company, Limited,	
Scholarship .....	Beverley J. Fulton
by reversion to .....	Elaine M. Moore
The Spencer Scholarship .....	Peter L. Smith
The British Columbia Telephone Company	
Scholarship .....	Garth Jones
by reversion to .....	Ian M. Douglas
The Arthur S. Denny Scholarship	David J. Ballantyne
The Wyllie Prize .....	Jacqueline P. Sawyer
by reversion to .....	Patricia E. A. George
The Madame Sanderson Memorial	
Scholarship .....	Patricia J. Carstens
by reversion to .....	Jacqueline P. Sawyer
I.O.D.E. Golden Jubilee	
Scholarship .....	Vernon C. Serl
The Robert V. Anderton Memorial	
Scholarship .....	Audrey N. Twa
Gruen Gold Wrist Watch .....	Patricia J. Carstens
Birks Gold Watch .....	Kenneth R. MacKay
Book Prize for English .....	E. Claire Thomas
Slide Rule Prizes for Science .....	Beverley J. Fulton
	Ian M. Douglas
French Department Prizes for Oral	
French .....	Jacqueline P. Sawyer
	Patricia J. Carstens
	Patricia E. A. George
	Patricia R. E. Sinnott
Book Prizes for French .....	Beverley J. Fulton
	Peter L. Smith
	J. Fraser MacPherson
Special Awards for Latin and	
Greek .....	Patricia J. Carstens
	Muriel G. Trimble
	Peter L. Smith

LIST OF STUDENTS IN ATTENDANCE  
SESSION 1951-52

**FIRST YEAR**

\*First Term only

‡Second Term only

Alexander, Norman E.	Victoria, B.C.
Allan, D. Victor	Victoria, B.C.
Anderson, Malcolm B.	Victoria, B.C.
Appleton, Frances E.	Victoria, B.C.
Arnold, Bruce M.	Victoria, B.C.
Atkinson, Ruby E.	Victoria, B.C.
Baker, Colin M.	Victoria, B.C.
Ball, Gerald H.	Victoria, B.C.
Barker, Kenneth S.	Victoria, B.C.
Bazett, Michael D.	Duncan, B.C.
Beaveridge, Stuart A.	Saanichton, B.C.
Bell, Marcus A. M.	Victoria, B.C.
Betts, John A.	Victoria, B.C.
Bigelow, John G. S.	Victoria, B.C.
Birch, Ronald N.	Victoria, B.C.
*Bishop, Brian G.	Victoria, B.C.
Bond, Victor W.	Victoria, B.C.
Bool, Audrey J.	Victoria, B.C.
Bosher, Elisabeth G.	Sidney, B.C.
Brinkworth, Barrie W.	Victoria, B.C.
Broadley, G. William	Victoria, B.C.
Broughton, Roy F.	Victoria, B.C.
Brown, D. Jeremy	Victoria, B.C.
Brown, Gordon F.	Victoria, B.C.
Brown, M. Lorraine	Victoria, B.C.
Browne, David R. C.	Victoria, B.C.
Buckett, Raymond	Victoria, B.C.
*Buckle, E. Anne	Victoria, B.C.
Burton, Edward H.	Victoria, B.C.
Burton, Gerald D.	Victoria, B.C.
Burton, Susan A.	Cowichan Station, B.C.
Carley, D. Mark	Victoria, B.C.
Carlsen, Trygve C.	Victoria, B.C.
Carmichael, John R.	Victoria, B.C.
Carmichael, Nancy J.	Victoria, B.C.
Carmichael, Robert A.	Victoria, B.C.
Carr-Harris, Michael P.	Victoria, B.C.

*Champion, I. Bruce .....	Victoria, B.C.
Charters, William B. ....	Victoria, B.C.
*Christian, J. Daniel .....	Victoria, B.C.
Chuhaywich, Elven S. ....	Victoria, B.C.
Clark, Shelagh K. ....	Victoria, B.C.
*Cliff, Murray G. ....	Victoria, B.C.
Cliffe, Allen W. ....	Victoria, B.C.
Conway, Geoffrey R. ....	Victoria, B.C.
Cook, Christine .....	Victoria, B.C.
Cornish, Arthur B. ....	Bragg Creek, Alberta
Coulcher, Blane A. ....	Victoria, B.C.
Cousland, J. Alistair C. ....	Victoria, B.C.
*Coverdale, Margaret J. ....	Victoria, B.C.
Cowie, James F. ....	Victoria, B.C.
Cox, Bertha D. ....	Victoria, B.C.
Creasey, J. Milton ....	Victoria, B.C.
Creery, Elisabeth A. ....	Victoria, B.C.
Cryer, M. E. Joy ....	Victoria, B.C.
Cunningham, Maurice A. ....	Royal Oak, B.C.
Cunningham, Warren J. ....	Royal Oak, B.C.
Davies, Gordon O. ....	Victoria, B.C.
Dawe, Arthur D. ....	Victoria, B.C.
Dawson, Patricia M. ....	Ganges, B.C.
Deeble, Dorothy E. ....	Victoria, B.C.
de Montigny, Ronald H. J. ....	Victoria, B.C.
Dley, Gurdev .....	Mesachie Lake, B.C.
Drew, Ann .....	Royal Oak, B.C.
*Duckworth, J. John .....	Victoria, B.C.
*Dudman, Robert E. ....	Royal Oak, B.C.
Duggan, Robert E. ....	Victoria, B.C.
*Earthy, Bernard F. ....	Victoria, B.C.
Edwards, John C. S. ....	Victoria, B.C.
*Edwards, Ronald .....	Victoria, B.C.
Elkington, Diana M. ....	Victoria, B.C.
*Elliott, Robert A. ....	Victoria, B.C.
Eng, Beverley P. ....	Victoria, B.C.
Fevang, Ronald K. ....	Victoria, B.C.
Findler, Mary L. ....	Victoria, B.C.
Fletcher, William E. ....	Victoria, B.C.
Fong, Roy .....	Victoria, B.C.
Forbes, George H. ....	Lac la Hache, B.C.
Ford, Irita G. ....	Victoria, B.C.
Forrest, Harold N. ....	Sooke, B.C.

Foucher, Maurice D.	Duncan, B.C.
Francis, J. Daniel	Victoria, B.C.
Frank, Sybil G.	Victoria, B.C.
Fraser, Michael O. de S.	Victoria, B.C.
Frey, Raymond A.	Victoria, B.C.
Fulmer, Donald G.	Victoria, B.C.
Gilbert, Donna I.	Sidney, B.C.
Gray, J. Andrew	Victoria, B.C.
Green, Rowland B.	Victoria, B.C.
Greene, Charles F.	Santa Monica, California
Gregg, J. Harold	Victoria, B.C.
Grigoruk, Alexander	Natal, B.C.
Haldane, Robert A.	Victoria, B.C.
Hales, Richard A.	Victoria, B.C.
Hallsor, Lorna M.	Victoria, B.C.
Halvorson, Harold N.	Victoria, B.C.
*Hamilton, Sheila C.	Port Alberni, B.C.
Hanslip, Gavin	Victoria, B.C.
Harman, Robert H. G.	Victoria, B.C.
Harrison, Daniel P.	Victoria, B.C.
Henderson, Janet A.	Victoria, B.C.
Hill, J. Allison B.	Victoria, B.C.
*Hodgson, Alan J.	Victoria, B.C.
Homer, Lawrence J.	Duncan, B.C.
Hong, Alice	Victoria, B.C.
Hooper, Sylvia A.	Victoria, B.C.
Horsey, Edward F.	Victoria, B.C.
Howard, Edmund W.	Victoria, B.C.
Hubscher, Arthur R.	Victoria, B.C.
Inkpen, John B.	Victoria, B.C.
Jeanes, Trevor G.	Victoria, B.C.
Jefferson, Chloe L. M.	Victoria, B.C.
Jennings, Bernice E.	Victoria, B.C.
Jones, S. Randle	Victoria, B.C.
Joy, Kerry R.	Port Alberni, B.C.
*King, James A. C.	Sidney, B.C.
Kingham, R. Ian	Victoria, B.C.
Kinnell, I. Robin W.	Victoria, B.C.
Kipling, B. Ann	Victoria, B.C.
Kirchner, David C.	Victoria, B.C.
Klatt, Ronald A.	Victoria, B.C.
Knott, Lewis E. R. T.	Victoria, B.C.

Kyle, Robert M.	Victoria, B.C.
Lauba, Andu	Victoria, B.C.
Laundy, Sara M.	Victoria, B.C.
Lavoie, Delores J.	Victoria, B.C.
Liddiard, Bernice H.	Royal Oak, B.C.
Littleton, Gerald D.	Alberni, B.C.
Lochhead, Ian M.	Victoria, B.C.
Locke, E. Anthony	Victoria, B.C.
McAllister, Valerie L.	Victoria, B.C.
McCarter, G. Douglas	Victoria, B.C.
MacConnachie, Barbara E.	Sidney, B.C.
Macintosh, Richard M.	Victoria, B.C.
*McIntyre, Gordon E.	Victoria, B.C.
MacKay, H. Kathleen	Victoria, B.C.
McLaughlin, Naida A.	Victoria, B.C.
*Maclean, Ann J.	Victoria, B.C.
Maclean, Hugh A.	Victoria, B.C.
*McLeod, Bruce A.	Colquitz, B.C.
Mace, Ronald T.	Victoria, B.C.
Main, Joyce O.	Victoria, B.C.
Mar, Lillian L.	Victoria, B.C.
Marling, H. Ann	Victoria, B.C.
Marr, Allan	Victoria, B.C.
Marriott, James R.	Kaleden, B.C.
Marshall, Lilian E.	Victoria, B.C.
Maultsaid, J. Wesley	Great Central Lake, B.C.
Maunsell, A. Robin M.	Lake Cowichan, B.C.
Maunsell, John E.	Lake Cowichan, B.C.
Mercer, John B.	Victoria, B.C.
Mercer, R. Alan	Victoria, B.C.
Miller, David M.	Victoria, B.C.
Miller, K. Ruth	Victoria, B.C.
*Moffat, John S.	Victoria, B.C.
Montgomery, William H.	Cultus Lake, B.C.
Morgan, George J. M.	Cowichan Station, B.C.
Morten, Sally	Victoria, B.C.
Muir, Donald M.	Victoria, B.C.
Munday, C. Anne	Victoria, B.C.
Murchie, Sheila M.	Duncan, B.C.
Nelson, John N.	Victoria, B.C.
Norman, M. Ann	Victoria, B.C.
O'Halloran, Brian H.	Victoria, B.C.

*Oliver, Richard E.	Victoria, B.C.
O'Neill, Bernard C.	Victoria, B.C.
Orchard, Lloyd C.	Victoria, B.C.
Paget, J. F. Noel	Victoria, B.C.
Paget, Norris R. G.	Victoria, B.C.
Park, Douglas J.	Victoria, B.C.
*Parker, William F.	Glen Lake, B.C.
*Paxton, John A.	Victoria, B.C.
Pitt-Brooke, Patricia G.	Victoria, B.C.
Pollard, Phyllis Jane	Victoria, B.C.
Poole, Charles E.	Victoria, B.C.
*Porter, Barry W.	Victoria, B.C.
Powell, Stanley H.	Victoria, B.C.
Preston, Frank D.	Cordova Bay, B.C.
Prette, Richard A. B.	Victoria, B.C.
Pritchard, James D.	Victoria, B.C.
Pryke, Kenneth G.	Victoria, B.C.
Pylypa, Henry J.	Victoria, B.C.
Rapanos, Don P.	Victoria, B.C.
*Redman, Donald A. E.	Victoria, B.C.
Rice, Audrey M.	Victoria, B.C.
Richards, B. Maralyn	Victoria, B.C.
Richardson, J. Gary	Victoria, B.C.
Riddell, David	Victoria, B.C.
Rimmer, Thomas C.	Victoria, B.C.
Robertson, Lyle P.	Victoria, B.C.
Robertson, W. Jack	Victoria, B.C.
Robson, David J.	Victoria, B.C.
Rodd, Dennis G.	Maple Bay, B.C.
Rolfe, Clifford M.	Victoria, B.C.
Rose, Barbara A.	Victoria, B.C.
Rose, Michael F.	Victoria, B.C.
Ross, Moira L.	Victoria, B.C.
Rowlandson, Gerald G.	Victoria, B.C.
Rowley, Ronald V.	Victoria, B.C.
Sandford, Keith V.	Victoria, B.C.
Saunders, Edward A.	Victoria, B.C.
Scott-Moncrieff, Nigel D.	Victoria, B.C.
Shafoval, Gordon A.	Langford, B.C.
Sharpe, J. Robin	Victoria, B.C.
Sherratt, James G. A.	Victoria, B.C.
Sherwood, William L.	Victoria, B.C.
Shoemaker, Barbara A.	Victoria, B.C.

Simms, Thomas B.	Courtenay, B.C.
Smith, Gordon H.	Victoria, B.C.
Smith, Kenneth L.	Victoria, B.C.
Smith, Madeleine N.	Nanaimo, B.C.
*Sterne, William B.	Sidney, B.C.
Stewart, Charles B.	Victoria, B.C.
Stewart, Iona A.	Victoria, B.C.
*Stonier, Ronald M.	Victoria, B.C.
Stone, J. Frederick F.	Victoria, B.C.
Storr, Ann R.	Victoria, B.C.
Sundstrum, June L.	Port Alberni, B.C.
Sutcliffe, Gerald W.	Victoria, B.C.
Tait, Vanetia L.	Victoria, B.C.
Taylor, Kelvin R.	Royal Oak, B.C.
Taylor, Philip F.	Victoria, B.C.
Temple, E. Pamela	Victoria, B.C.
Thacker, James J.	Victoria, B.C.
Thackray, Allan D.	Victoria, B.C.
Thomas, Gregory W.	Victoria, B.C.
Tisdall, C. Patrick B.	Victoria, B.C.
Unwin, Ernest A.	Victoria, B.C.
Waterman, R. Michael D.	Metchosin, B.C.
Webster, A. Garth	Victoria, B.C.
Webster, B. Gayle	Victoria, B.C.
Westendorf, Ingrid C.	Hillier, B.C.
Wetmore, Robert J.	Victoria, B.C.
Whitwell, Frank T.	Saanichton, B.C.
*Whyte, David A.	Victoria, B.C.
Williams, F. Michael G.	Victoria, B.C.
Williams, Thomas F. G.	Victoria, B.C.
Willis, Richard K.	Victoria, B.C.
*Winter, Colin D. M.	Victoria, B.C.
Wong, Stephen	Victoria, B.C.
Woollett, George N.	Victoria, B.C.
Wootton, A. Carolyn M.	Victoria, B.C.
Worsley, Charles P.	Victoria, B.C.
Wright, Winnifred L.	Sooke, B.C.
Yerburgh, Richard E. B.	Victoria, B.C.
Yole, Wilfred J.	Victoria, B.C.
Young, Christopher	Victoria, B.C.
Young, Margot M.	Victoria, B.C.
Young, Michael D. W.	Victoria, B.C.
Young, Walter D.	Victoria, B.C.

## SECOND YEAR

Ainscough, Brian D.	Victoria, B.C.
Alexander, Ernest A.	Victoria, B.C.
*Allen, Donald B.	Victoria, B.C.
*Arnott, Diana P.	Victoria, B.C.
Barnes, E. Roy	Victoria, B.C.
Bassett, Brian N.	Victoria, B.C.
Bell, R. Douglas	Victoria, B.C.
Biddle, Joan E.	Victoria, B.C.
Bowden, Gerald W.	Victoria, B.C.
Brinkworth, Darlene A.	Victoria, B.C.
*Burgess, Barbara A.	Victoria, B.C.
Burns, Brian J.	Victoria, B.C.
Coates, John A.	Langford, B.C.
Conder, Geraldine J.	Sooke, B.C.
Dick, Kenneth D.	Chemainus, B.C.
*Ells, Audrey F.	Victoria, B.C.
Erwin, A. Owen	Victoria, B.C.
Foster, Barbara R.	Royal Oak, B.C.
Francis, David R.	Victoria, B.C.
Fulton, Beverley J.	Victoria, B.C.
Garner, William J.	Victoria, B.C.
Gibbs, Marion E.	Victoria, B.C.
Gilbert, James H.	Brentwood Bay, B.C.
Gilmore, M. Elizabeth	Victoria, B.C.
Godson, Denis A.	Victoria, B.C.
Graham, Marion M. H.	Victoria, B.C.
Haley, William N.	Victoria, B.C.
Hamilton, Malcolm W.	Victoria, B.C.
Harrison, Victor D.	Duncan, B.C.
Hatfield, Elizabeth J.	Comox, B.C.
Horth, Edwin V.	Sidney, B.C.
Ingram, Herbert G.	Victoria, B.C.
Isaac, Ronald J.	Victoria, B.C.
Jackman, Raphael E.	Victoria, B.C.
Kirby, Joan L.	Victoria, B.C.
*Lauder, John R.	Victoria, B.C.
Leinweber, Allan G.	Victoria, B.C.
Linnes, Audrey G.	Victoria, B.C.
Logan, Daryl L.	Victoria, B.C.
Lyne, D. Herbert	Victoria, B.C.
Macleman, Darla	Victoria, B.C.

Martin, B. Moya .....	Victoria, B.C.
Thosa, E. Claire .....	Victoria, B.C.
Martin, B. Moya .....	Victoria, B.C.
Martin, Donald C. ....	Duncan, B.C.
Matcham, M. Waverley .....	Victoria, B.C.
Matheson, Donald C. ....	Victoria, B.C.
Mathias, Harry E. ....	Victoria, B.C.
Mayne, C. E. Norah .....	Victoria, B.C.
Merner, Jack N. ....	Victoria, B.C.
Metcalfe, George R. ....	Victoria, B.C.
Mitchell, Beverley P. M. ....	Victoria, B.C.
Monaghan, Robert L. ....	Victoria, B.C.
Mouat, E. Yvonne .....	Ganges, B.C.
Nicholson, Janis L. ....	Ganges, B.C.
Powell, Dacre H. ....	Victoria, B.C.
Rainer, James A. ....	Colquitz, B.C.
Rainer, Marian E. ....	Colquitz, B.C.
Savage, Lauren W. C. ....	Victoria, B.C.
Smith, N. Shirley G. ....	Victoria, B.C.
Sotos, Jack .....	Prince Albert, Sask.
Stead, Denis A. ....	Cowichan Bay, B.C.
Stevenson, Mary F. ....	Victoria, B.C.
Stocker, George A. ....	Victoria, B.C.
Thomas, E. Claire .....	Victoria, B.C.
Twa, Audrey N. ....	Victoria, B.C.
Walls, Stanley R. ....	Nanaimo, B.C.
Wood, John F. ....	Sidney, B.C.

## GIFTS TO THE LIBRARY

- Miss Jeanette A. Cann—English, psychology and miscellaneous collection.
- Miss Margaret Fletcher—Economics books.
- Mr. K. A. McIntosh—Geology books and periodicals.
- Mrs. Hermann M. Robertson—Large collection of English and French literature, biography and history.
- Miss Sara Spenceer—Miscellaneous collection.
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## GIFTS TO THE BIOLOGY DEPARTMENT

- Mr. Norman E. Alexander—Fore and hind limbs of cougar.
- Mr. James H. Gilbert—Preserved specimen of nudibranch *Dendronotus giganteus*; example of nematode infestation of cod digestive tract.
- Mr. Jeffree A. Cunningham—Extensive collection of:  
(a) botanical specimens;  
(b) invertebrate and vertebrate animals of the Pacific Northwest;  
(c) prepared skeletal material;  
(d) microscopic slides.











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# UVIC ARCHIVES

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1952/53

